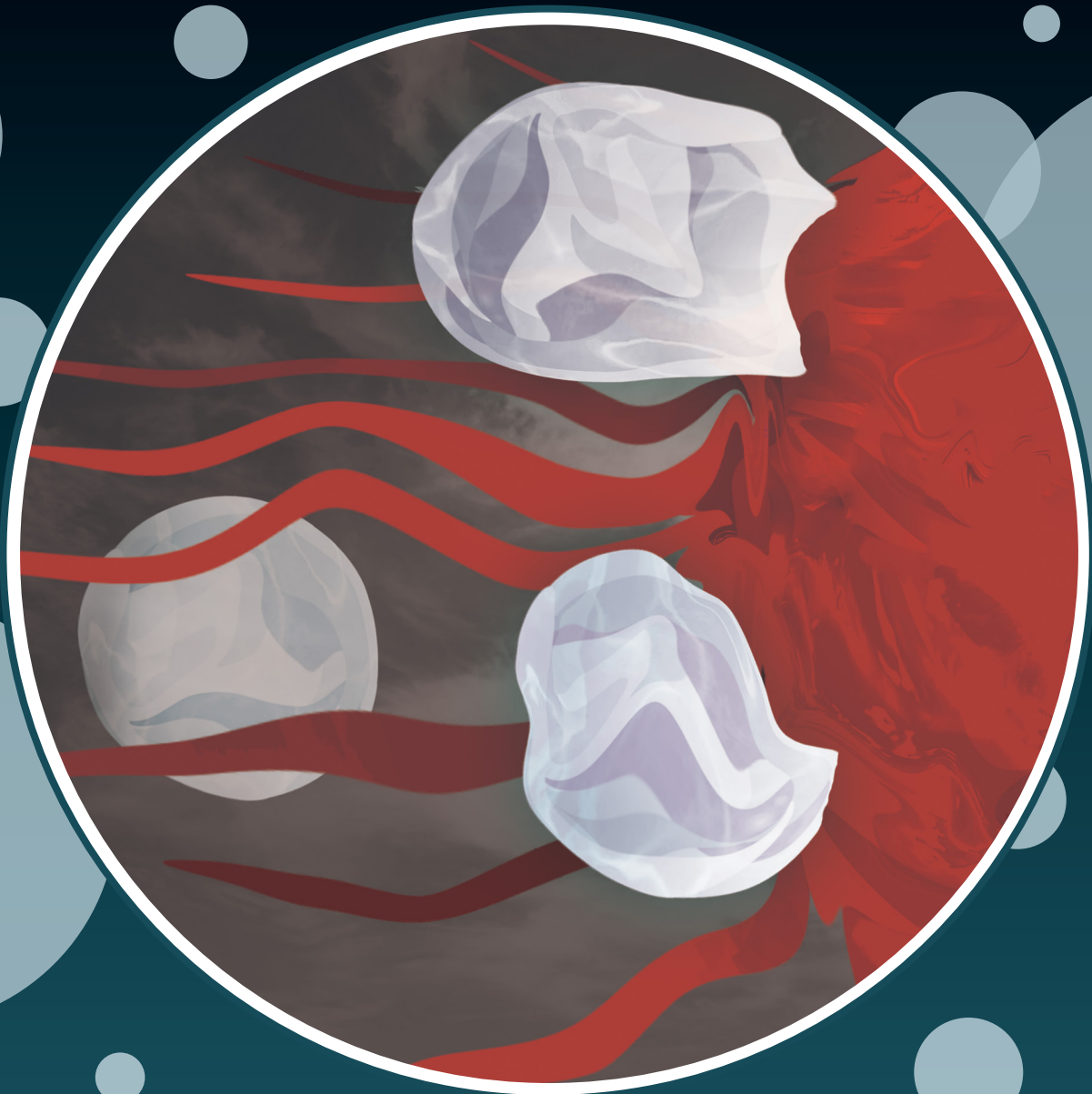


CELL SYSTEMS

FOR DRUG DISCOVERY

Reporter Cell Lines | Overexpression/Knockout Lines | Cell Media | Luciferase Systems
iPSC-Derived Cells | Co-Stimulatory Cells | CAR-T Cells | Cell-Based Assays
Custom Development



Cellular Insights Guide Discoveries

In order to evaluate drug candidates, researchers need a clear understanding of the activity of the molecules of interest at a cellular level. Biochemical assays and binding kinetics can provide molecular dynamics, but intact cellular assays are the requisite next level to clearly realize how drug candidates exert effects in the context of the cell.

Our 200+ cell lines, primary cells, iPSC-derived cells, and cell-based assay kits provide robust cellular systems for testing and verification. These cell products are complemented by our media reagents, including thaw, growth, assay, and freezing media optimized to each cell type, which together with our convenient luciferase detection systems, yield complete cell systems for research.



Watch our Cell Systems Introductory Video



Our Advantages



Produced In-House

- Made in the USA at our San Diego, CA laboratory
- Customized, personal support directly from our scientists



Committed to Excellence

- ISO 9001:2015-certified Quality Management System
- Lot-specific quality control testing



Custom Development Services

- Rapid development of stable cell lines for expression verification and functional assays
- Choose from >30 parental cell types, including Jurkat, Raji, HEK293, HeLa, A549, and more

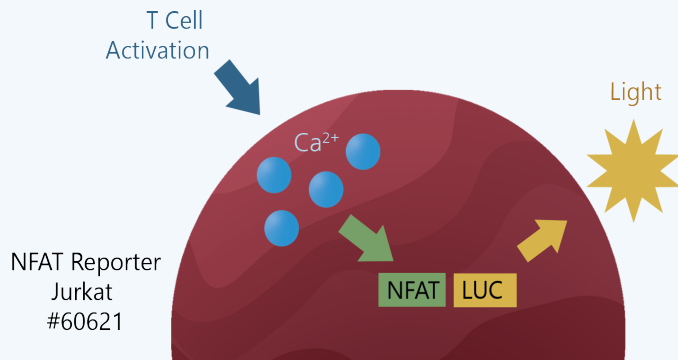


Complete Cell Line Systems

- >200 cell lines
- >90 optimized cell media products - thaw, growth, assay, and freeze media
- Luciferase buffer systems - ONE-Step™ for Firefly luciferase and TWO-Step for both Firefly & Renilla luciferase quantitation in the same sample
- Primary cells - CD4+ T cells, CD8+ T cells, and PBMCs
- iPSC-derived cells - cardiomyocytes and more
- Cas9-expressing cell lines ready for CRISPR knockdown

Cell Solutions for Research

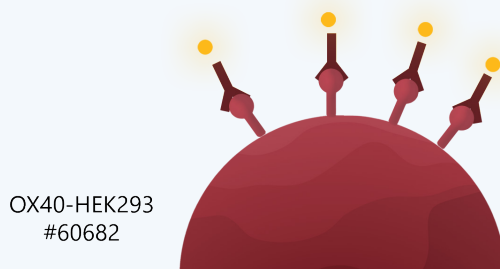
Reporter Cell Lines



Measure:

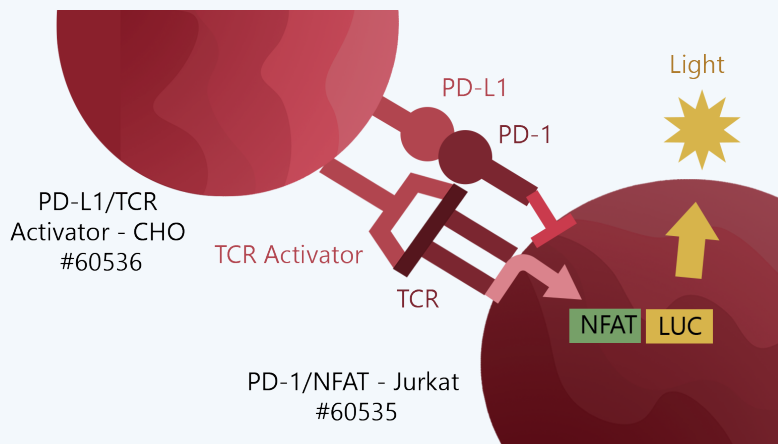
- Signaling activity
- Promoter activity
- Transcription factor activity

Overexpression/Knockout Cell Lines



- Antibody screening
- Flow cytometry controls
- Binding studies
- Functional studies
- CAR-expressing cells

Co-Stimulatory Cell Lines



- Inhibitor screening
- Antibody affinity
- Co-culture studies

iPSC-Derived Cells

- Toxicity/viability screening
- Disease models
- Phenotypic screening
- Cell-based therapies

Cas9 Expressing Cells

- Cell pools or cell lines
- Ready for sgRNA introduction
- Phenotypic screening
- Knockout controls

Luciferase Assay Systems

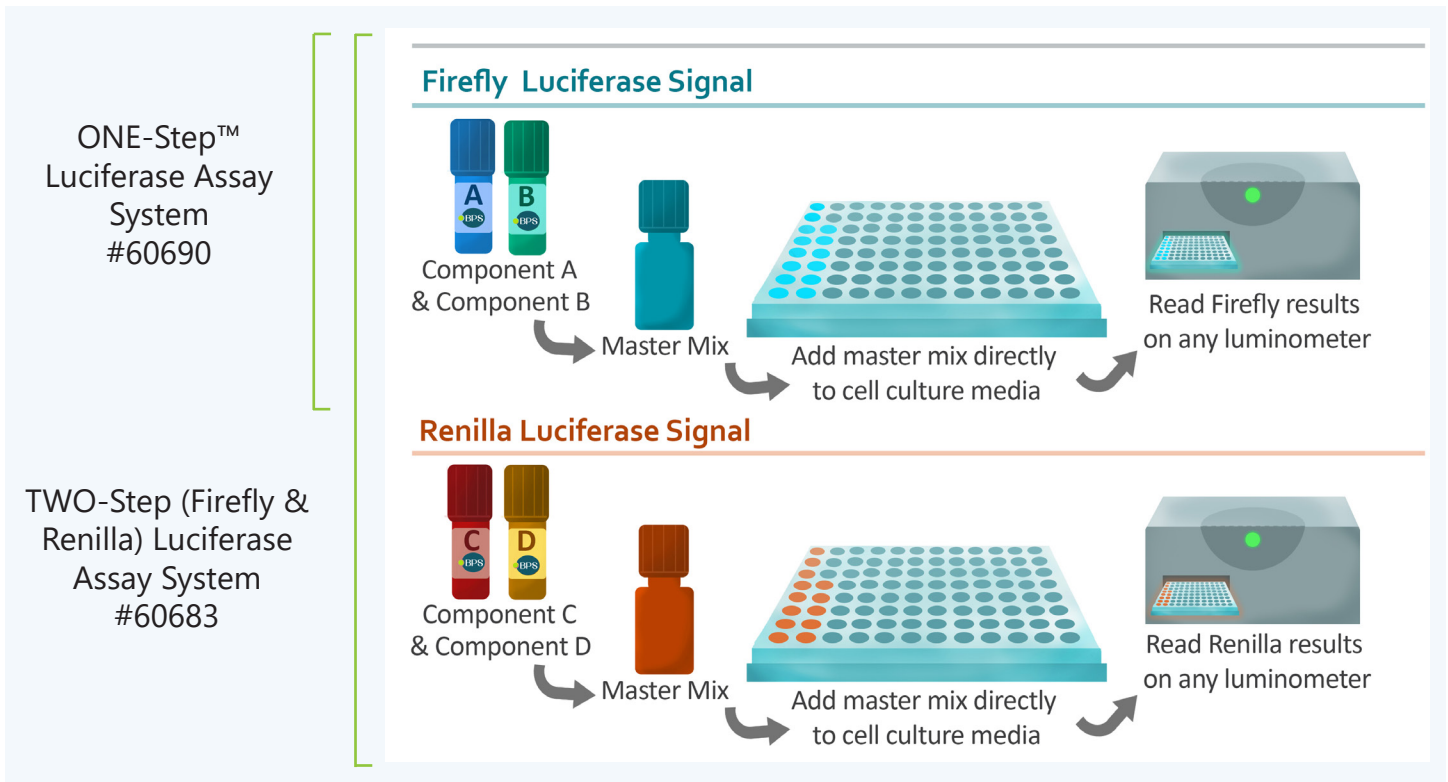
Our luciferase assay systems are sensitive, stable, and convenient reagents to measure luciferase output.

ONE-Step™ Luciferase Assay System:

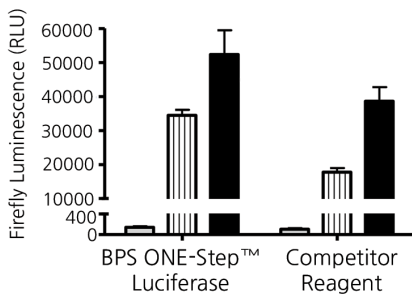
The ONE-Step™ product is designed to be used for high-throughput, sensitive quantitation of firefly luciferase activity in mammalian culture.

TWO-Step Luciferase (Firefly & Renilla) Assay System:

The TWO-Step Luciferase product provides high-throughput, rapid quantitation of both firefly and Renilla luciferases in order to improve signal accuracy by normalizing with the control Renilla reporter.

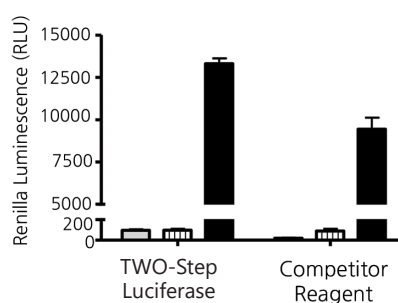


Firefly Luminescence from Notch Firefly Luciferase



Luciferase assay was performed 48 hours after transfection in HEK293 cells.

Renilla Luminescence from Control Renilla Luciferase



TWO-Step Luciferase assay reagents were added 30 minutes after firefly luciferase assay was performed.

- Notch Reporter + Notch1 Expression Vector + Renilla Expression Vector
- ▨ Notch Reporter + Notch1 Expression Vector
- Negative Control Cells

Cell Media

Thaw Media



Optimized for cell recovery after thawing

Growth Media



Contain antibiotics for maintaining cell lines over many passages

Assay Media



Formulated for specialized assays to optimize performance and signal induction

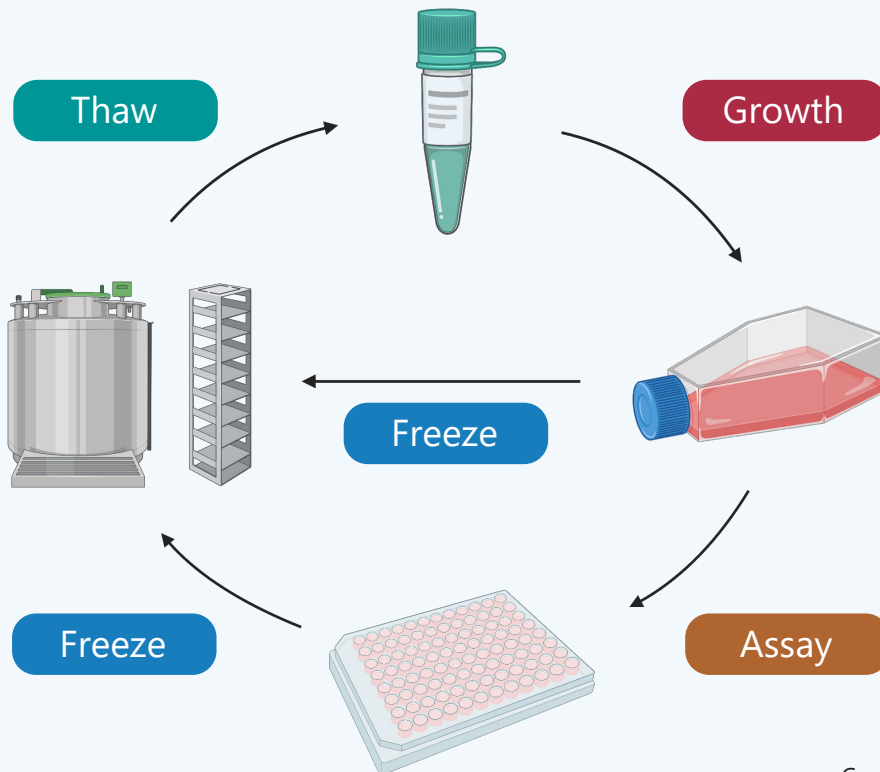
Freeze Media



Optimized for maximum viability and rapid recovery

Compare products at: bpsbioscience.com/media-components

Media Solutions for Every Step in the Cell Culture Work Flow



Created with BioRender.com

Custom Cell Line Development

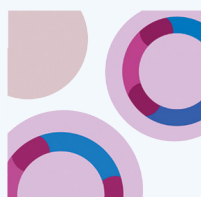
- Delivery of multiple stable clones for internal validation
- 30+ available cell types and 70+ reporter systems
- Ideal for antibody and compound screening and modeling systems

A Milestone-Measured Process Ensures Success



1 Molecular Biology

Expression vectors will be generated using available image clones, or through the use of synthetic DNA to stably transfect the gene of interest.



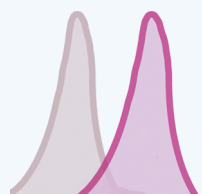
2 Selection and Pool Generation

Parental cells will be transfected with the expression vector for the desired targets. The cell pool will be selected using antibiotics.



3 Limiting Dilution and Clonal Selection

Based on the results of the initial pool testing, the cell pool will be diluted and single cell-derived clones will be selected.



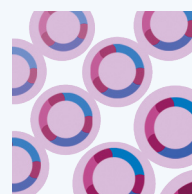
4 Confirmation and Expression

The expression level of the target protein will be analyzed via Western blot or flow cytometry.



5 Functional Validation

Cells will be treated with a reference control compound to obtain dose-response titration data.



6 Stability Testing

The desired number of clones will be selected for passage stability testing. Mycoplasma testing and cell banking services are also available.

Cell Line Rental

Try Before You Buy

This program provides a low-cost, low-risk option for validating these unique cell lines in your own laboratory. Confirm that the cell lines are right for your experiments.

- Option to rent >130 different cell lines
- Rent for three months at 50% of the cell line price
- Following the rental period, option to purchase in full
- Contact our team to get set up: sales-team@bpsbioscience.com



CAR-T Cell Therapy	Catalog#	CAR-T Cell Therapy	Catalog#
Anti-Mesothelin CAR-T Cells	78729	GPRC5D (Cynomolgus) HEK293 Cell Line	78346
Anti-BCMA CAR /NFAT (Luciferase) Reporter Jurkat Cell Line	79694	GPRC5D CHO Cell Line	78337
Anti-BCMA CAR-T Cells	78660	GPRC5D HEK293 Cell Line	78345
Anti-CD19 CAR / NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28-4-1BB-CD3ζ)	79853	HER2 (ERBB2) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79612
Anti-CD19 CAR Negative Control/NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28 Transmembrane Motif)	79854	Human Mesothelin - CHO-K1 Recombinant Cell Line	78132
Anti-CD19 CAR-T Cells	78171	IL-2 Luciferase Reporter Jurkat Cell Line	60481
Anti-CD20 CAR-T Cells	78611	MART-1 TCR (DMF4) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78772
B2M Knockout Jurkat Cell Line	78342	MUC16 (CA125), variant 4 (region 13785-14507) CHO Cell Line	78848
B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78363	NY-ESO-1 TCR (1G4) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78769
B2M Knockout THP-1 Cell Line	78389	NY-ESO-1 TCR (c259) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78771
B2M/CIITA Double Knockout THP-1 Cell Line	78391	PSMA (FOLH1) - CHO Recombinant Cell Line (High, Medium, or Low Expression)	79641
BCMA / CD20 / Firefly Luciferase CHO Cell Line	78185	TCellM™	78753
BCMA / GLuc - CHO Recombinant Cell Line	79830	TCR Activator CHO Recombinant Cell line	60539
BCMA / Luciferase - CHO Recombinant Cell Line	79724	TCR Activator Raji Cell Line	60556
BCMA / NF-κB - Reporter HEK293 Recombinant Cell Line	79755	TCR Activator/FcGR2B CHO Cell Line	78436
BCMA CHO Recombinant Cell Line (High or Low Expression)	79500	TCR Knockout Jurkat Cell Line	78539
CD19 / BCMA / Firefly Luciferase - CHO Recombinant Cell Line	78030	TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78556
CD19 / CD20 / Firefly Luciferase CHO Cell Line	78186	TCR/B2M Knockout Jurkat Cell Line	78552
CD19 / Firefly Luciferase - CHO Recombinant Cell Line	79714	TCR/B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78557
CD19 CHO Recombinant Cell Line (Low, Medium and High Expression)	79561	TROP2 - CHO-K1 Recombinant Cell Line	78099
CD20 CHO Recombinant Cell Line (High or Medium Expression)	79624	Untransduced T Cells	78170
CD20/Firefly Luciferase CHO Cell Line	78620		
CD22 / Luciferase - CHO Recombinant Cell Line	79715		
CD22 CHO Recombinant Cell Line (Medium and High Expression)	79557		
CD38 / BCMA / Firefly Luciferase CHO Recombinant Cell Line	78148		
CD38 / CD19 / Firefly Luciferase CHO Recombinant Cell Line	78149		
CD38 CHO Recombinant Cell Line (High, Medium or Low Expression)	79615		
CD47 - HEK293 Cell Line	71249		
CD7 CHO Cell Line (Medium or High Expression)	78324		
CD8+ TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78757		
CIITA Knockout THP-1 Cell Line	78390		
Claudin-18 Isoform 1 CHO Cell Line	78361		
Claudin-18 Isoform 2 CHO Cell Line (High, Medium, or Low Expression)	78533		
eGFP/Firefly Luciferase MIA PaCa-2 Cell Line	78766		
eGFP/Firefly Luciferase Ramos (RA 1) Cell Line	82149		
FAP- CHO K1 Recombinant Cell Line (High, Medium or Low Expression)	79947		
Firefly Luciferase - CHO Recombinant Cell Line	79725		
GPRC5D (Cynomolgus) CHO Cell Line	78338		

Cancer Therapy Targets	Catalog#
Claudin-1 CHO Cell Line	82097
Claudin-18 Isoform 1 CHO Cell Line	78361
Claudin-18 Isoform 2 CHO Cell Line (High, Medium, or Low Expression)	78533
Claudin-3 CHO Cell Line	78566
Claudin-4 CHO Cell Line	78567
Claudin-6 CHO Cell Line (High, Medium, or Low) Expressions	78527
Claudin-9 CHO Cell Line	78687
DLL3 CHO Cell Line	78882
eGFP/Firefly Luciferase MM.1S Cell Line	78376
Firefly Luciferase CCRF-CEM Cell Line	78495
Firefly Luciferase HL-60 Cell Line	78410
Firefly Luciferase Jurkat Cell Line	78373
Firefly Luciferase K562 Cell Line	78621
Firefly Luciferase KG1 Cell Line	78493
Firefly Luciferase MC38 Cell Line	78383

Cancer Therapy Targets	Catalog#	Cell Signaling Pathway	Catalog#
Firefly Luciferase Molm13 Cell Line	78372	GAL4 Reporter Kit (Glucocorticoid Receptor Pathway)	60522
Firefly Luciferase NALM6 Cell Line	78494	GAS Reporter (Luc)-HeLa Cell Line (IFN γ /JAK/STAT1 Pathway)	79041
Firefly Luciferase Raji Cell Line	78622	GIPR/CRE Luciferase Reporter HEK293 Cell Line	78589
Firefly Luciferase SKOV-3 Cell Line	78425	Gli Luciferase Reporter NIH3T3 Cell line (Hedgehog Pathway)	60409
Firefly Luciferase THP-1 Cell Line	78409	GR-GAL4 Luciferase Reporter Jurkat Cell Line	78525
Firefly Luciferase - RPMI 8226 Recombinant Cell Line	79834	GR-GAL4 Reporter (Luc)-HEK293 Recombinant Cell Line (Glucocorticoid Receptor Pathway)	60655
FOLR1 CHO Cell Line	78360	Hippo Pathway/TEAD Luciferase Reporter MCF7 Cell Line	60618
GPC3 - CHO-K1 Recombinant Cell Line	78100	IDO1 Cell-Based Assay Kit	72031
Nectin4 - CHO K1 Recombinant Cell Line (High, Medium, or Low Expression)	78097	IL-15 Responsive Luciferase Reporter Cell Line	78402
NKp46 CHO Cell Line (High, Medium, or Low Expression)	78915	IRF Reporter (Luc) - THP-1 Cell line (cGAS-Sting Signaling Pathway)	79858
p53 Luciferase Reporter HCT116 Cell Line	78681	ISRE Reporter Kit (JAK/STAT Signaling Pathway)	60613
RANK/NF- κ B Luciferase Reporter HEK293 Cell Line	78102	ISRE Reporter-HEK293 Recombinant Cell Line (JAK pathway)	60510
		Mouse Notch1 Pathway Reporter Kit (Notch Signaling Pathway)	60509
		Myc Luciferase Reporter HCT116 Cell Line	60520
		Myc Reporter Kit (Myc Signaling Pathway)	60519
		NF- κ B Reporter (Luc) - THP-1 Cell Line	79645
		NF- κ B Reporter (Luc) - CHO-K1 Recombinant Cell Line	60622
		NF- κ B Reporter (Luc) - HCT116 Recombinant Cell Line	60623
		NF- κ B (GFP) - Reporter HEK293 Recombinant Cell Line	79402
		NF- κ B Luciferase Reporter (Luc) - Jurkat Recombinant Cell Line	60651
		NF- κ B Luciferase Reporter A549 Cell Line	60625
		NF- κ B Luciferase Reporter Raw 264.7 Cell Line	79978
		NF- κ B Reporter (Luc) - HEK293 Recombinant Cell line	60650
		NF- κ B Reporter (Luc) - NIH/3T3 Cell line	79469
		NF- κ B Reporter Cellular Assay Pack (CHOK1)	79325
		NF- κ B Reporter Cellular Assay Pack (HCT116)	79326
		NF- κ B Reporter Cellular Assay Pack (HEK293)	79327
		NF- κ B Reporter Kit (NF- κ B Signaling Pathway)	60614
		NFAT Luciferase Reporter CHO Cell Line (PKC/Ca $^{2+}$ Signaling Pathway)	78569
		NFAT Luciferase Reporter Jurkat Cell Line	60621
		NFAT Luciferase-eGFP Reporter Jurkat Cell Line	78662
		NFAT Reporter (eGFP) Jurkat Recombinant Cell Line	78384
		NFAT Reporter (Luciferase) - THP-1 Cell Line	78320
		NFAT Reporter - HEK293 Cell Line (PKC/ Ca $^{2+}$ Pathway)	79298
		NLRP3 Knockdown THP-1 Cell Pool	82121
		Notch1 NICD Pathway Reporter Kit (Mouse)	79504
		Notch1 Pathway Reporter Kit (Human)	79503
		Notch1/CSL Luciferase Reporter HEK293 Cell Line	60652
Cell Signaling Pathway	Catalog#		
AP-1 Reporter - HEK293 Recombinant Cell Line (JNK signaling pathway)	60405		
AP1 Reporter Kit (JNK Pathway)	60612		
ARE Luciferase Reporter HepG2 Cell Line (Nrf2 Antioxidant Pathway)	60513		
ARE Reporter Kit (Nrf2 Antioxidant Pathway)	60514		
CEACAM5 CHO Cell Line (High, Medium, or Low Expression)	78704		
CGRPR/CRE Luciferase Reporter HEK293 Cell Line	78325		
Claudin-18 Isoform 1 CHO Cell Line	78361		
Claudin-18 Isoform 2 CHO Cell Line (High, Medium, or Low Expression)	78533		
Claudin-3 CHO Cell Line	78566		
Claudin-4 CHO Cell Line	78567		
Claudin-6 CHO Cell Line (High, Medium, or Low) Expressions	78527		
Claudin-9 CHO Cell Line	78687		
CRE/CREB Luciferase Reporter CHO Cell Line (cAMP/PKA Signaling Pathway)	78568		
CRE/CREB Reporter (Luc) - HEK293 Recombinant Cell Line (cAMP / PKA Signaling)	60515		
CRE/CREB Reporter (Luc) - Jurkat Cell Line (cAMP/PKA Signaling Pathway)	79636		
CRE/CREB Reporter Kit (cAMP/PKA Signaling Pathway)	60611		
CSF1R / SRE Reporter Kit (MAPK/ERK Signaling Pathway)	79379		
CSL Reporter - HEK293 Cell line	79754		
eGFP/Firefly Luciferase THP-1 Cell Line	82148		
eGFP/Firefly Luciferase U-87 MG Cell Line	78904		
EpCAM CHO Cell Line	78683		
FOXO Reporter Kit (PI3K/AKT Pathway)	60643		
Foxp3 Luciferase Reporter Jurkat Cell Line	60628		
GAL4 Reporter (Luc)-HEK293 Recombinant Cell Line	60656		

CRISPR, Kinases, Immunotherapy Immune Checkpoints, Immune Cell Signaling, Immune Cell Markers | Product Listing

CRISPR	Catalog#
Cas9-Expressing Jurkat Cell Line (High or Low Expression)	78136
Cas9-Expressing MCF7 Cell Pool	78179
Cas9-Expressing MDA-MB-231 Cell Line (High or Low Expression)	78150
Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137
Cas9-Expressing Neuro2A Cell Pool	78087
Cas9-Expressing Raji Cell Line	78156
Cas9/GFP Safe-Harbor HEK293 Cell Line	78582
CD8+ TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78757
CIITA Knockout THP-1 Cell Line	78390
CRISPRa (SAM) HEK293 Cell Line	78192
CRISPRa (SAM) HeLa Cell Line	78193
CRISPRa (SAM) HepG2 Cell Line	78194
CRISPRa (SAM) Jurkat Cell Line	78080
CRISPRa (SAM) MCF7 Cell Line	78522
CRISPRa (SAM) MDA-MB-231 Cell Line	78521
FCGR2A (CD32A) Knockout Jurkat Cell Line	78549
TCR Knockout Jurkat Cell Line	78539
TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78556
TCR/B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78557

Kinases	Catalog#
CSF1R / SRE - Reporter HEK293 Recombinant Cell Line	79380
Human EGFRvIII CHO K1 Cell Line (High or Low Expression)	78145
TrkA / SRE Reporter - HEK293 Recombinant Cell Line	79798
VEGFR2 / NFAT Reporter - HEK293 Recombinant Cell Line	79387

Immunotherapy Immune Checkpoints	Catalog#
B7-H3 CHO Cell Line (High, Medium, or Low Expression)	78541
B7-H4 CHO Cell Line (Low, Medium or High Expression)	78586
B7-H7 (HHLA2)/TCR Activator CHO Cell Line	78321
CD137 (4-1BB) /NF-κB Reporter - HEK293 Recombinant Cell Line	79289
CD137 (4-1BB) HEK293 Recombinant Cell Line	60691
CD137L (4-1BBL) CHO-K1 Recombinant Cell Line	60523
CD155 (PVR) - HEK293 Recombinant Cell Line	60537
CD155 / TCR Activator - CHO Recombinant Cell line	60548
CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594
CTLA4 - HEK293 Recombinant Cell Line	60681
CTLA4 / IL-2 Reporter - Jurkat Recombinant Cell Line	79525

Immunotherapy Immune Checkpoints	Catalog#
Growth Arrested PD-1 / NFAT Reporter Jurkat Cell Line	79687
KIR3DL3/IL-2 Luciferase Reporter Jurkat Cell Line	78322
LAG3 / IL-2 Reporter - Jurkat Recombinant Cell Line	79813
LAG3 / NFAT Reporter - Jurkat Recombinant Cell Line	71278
LILRB4 NFAT-Luciferase Reporter Jurkat Recombinant Cell Line	79750
Mouse PD-L1 / TCR Activator Mammalian Expression Kit	79778
PD-1 (Mouse) / NFAT - Reporter - Jurkat Recombinant Cell Line	79762
PD-1 (Woodchuck) / NFAT - Reporter - Jurkat Recombinant Cell Line	79456
PD-1 - HEK293 Recombinant Cell Line	60680
PD-1 / NFAT Reporter - Jurkat Recombinant Cell Line	60535
PD-1 CHO Cell Line	78530
PD-1/IL-2 Luciferase Reporter Jurkat Cell Line	82117
PD-L1 (Mouse)/TCR Activator CHO Cell Line	79763
PD-L1 (Woodchuck) / TCR activator - CHO Recombinant Cell line	79457
PD-L1 (Woodchuck) / TCR Activator Mammalian Expression Kit	79455
PD-L1 - CHO Recombinant Cell Line	60543
PD-L1 / TCR Activator - CHO Recombinant Cell Line	60536
PD-L1 / TCR Activator Mammalian Expression Kit	60610
PD-L2 / TCR activator - CHO Recombinant Cell Line	79632
PD-L2/TCR Activator Mammalian Expression Kit	60620
TIGIT - HEK293 Recombinant Cell Line	79332
TIGIT / NFAT Reporter - Jurkat Cell Line	60538
VSIG4 CHO Cell Line	78914

Immune Cell Signaling	Catalog#
CSF1R / SRE Reporter Kit (MAPK/ERK Signaling Pathway)	79379
IL-15 Responsive Luciferase Reporter Cell Line	78402
NF-κB Luciferase Reporter (Luc) - Jurkat Recombinant Cell Line	60651
NFAT Luciferase Reporter Jurkat Cell Line	60621
NFAT Luciferase-eGFP Reporter Jurkat Cell Line	78662
NFAT Reporter (eGFP) Jurkat Recombinant Cell Line	78384
NKp46 CHO Cell Line (High, Medium, or Low Expression)	78915
PAI-1 Reporter (Luc) - Mv1 Lu Cell Line	60544

Immune Cell Markers	Catalog#
B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78363
CD14 CHO Recombinant Cell Line	78335
CD34 CHO Recombinant Cell Line	78336

Immune Cell Markers	Catalog#	Immunotherapy Targets	Catalog#
CD4+ T cells, Negatively Selected (Human)	79752	CD137 (4-1BB) HEK293 Recombinant Cell Line	60691
CD8+ T cells, Negatively Selected (Human)	79753	CD137L (4-1BBL) CHO-K1 Recombinant Cell Line	60523
CD95 CHO Cell Line (Medium or High Expression)	78499	CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594
FcGR3A (CD16A) CHO Cell Line	78332	CD19 / BCMA / Firefly Luciferase - CHO Recombinant Cell Line	78030
FcGR3B (CD16B) CHO Cell Line	78333	CD19 / CD20 / Firefly Luciferase CHO Cell Line	78186
Glycophorin A (CD235a) CHO Cell Line	78353	CD19 / Firefly Luciferase - CHO Recombinant Cell Line	79714
NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352	CD19 CHO Recombinant Cell Line (Low, Medium and High Expression)	79561
Normal Human Peripheral Blood Mononuclear Cells, Frozen	79059	CD2 CHO Cell Line	78330
TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78556	CD20 CHO Recombinant Cell Line (High or Medium Expression)	79624
TCR/B2M Knockout NFAT Luciferase Reporter Jurkat Cell Line	78557	CD20/Firefly Luciferase CHO Cell Line	78620
		CD22 / Luciferase - CHO Recombinant Cell Line	79715
		CD22 CHO Recombinant Cell Line (Medium and High Expression)	79557
		CD27 CHO-K1 Stable Recombinant Cell Line	60624
		CD27/NF-κB Reporter-Jurkat Recombinant Cell Line	79509
		CD33- CHO K1 Recombinant Cell Line (High, Medium and Low Expression)	79935
		CD36 HEK293 Cell Line (High or Medium Expression)	78526
		CD37 CHO Recombinant Cell Line (High or Low Expression)	79607
		CD38 / BCMA / Firefly Luciferase CHO Recombinant Cell Line	78148
		CD38 / CD19 / Firefly Luciferase CHO Recombinant Cell Line	78149
		CD38 CHO Recombinant Cell Line (High, Medium or Low Expression)	79615
		CD40 - HEK293 Cell Line	71257
		CD40/NF-κB Luciferase Reporter HEK293 Cell Line	60626
		CD43 CHO Cell Line	78334
		CD47 - HEK293 Cell Line	71249
		CD5- CHO K1 Recombinant Cell Line (High, Medium, or Low Expression)	78290
		CD7 CHO Cell Line (Medium or High Expression)	78324
		CD70-CHO Recombinant Cell line	79510
		CD8+ TCR Knockout NFAT-Luciferase Reporter Jurkat Cell Line	78757
		CEACAM6 CHO Cell Line	78550
		Empty vector control - CHO-K1 Recombinant Cell line	60545
		FCGR2A (CD32A) Knockout Jurkat Cell Line	78549
		FcGR2B CHO K1 Recombinant Cell Line	79511
		FcRL5 CHO Cell Line	78375
		FcRL5 HEK293 Cell Line	78374
		FcRL5/Firefly Luciferase RPMI 8226 Cell Line	78378
		FUT4-CD15 CHO Cell Line	78417
		GITR / NF-κB Luciferase Reporter - Jurkat Cell Line	60546
		GITR - HEK293 Recombinant Cell Line	79092

Immunotherapy Targets	Catalog#
Anti-Mesothelin CAR-T Cells	78729
ADCC Bioassay Effector Cell (Mouse) Jurkat Cell Line	79733
ADCC Bioassay Effector Cell F Variant (Low Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60540
ADCC Bioassay Effector Cell V Variant (High Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60541
ADCC Bioassay Effector Cell FcγRIIIa (H Variant)/ NFAT Luciferase Reporter Jurkat Cell Line	71273
Adenosine A2A Receptor Functional HEK293 Cell Line	79381
Anti-BCMA CAR /NFAT (Luciferase) Reporter Jurkat Cell Line	79694
Anti-BCMA CAR-T Cells	78660
Anti-CD19 CAR / NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28-4-1BB-CD3ζ)	79853
Anti-CD19 CAR Negative Control/NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28 Transmembrane Motif)	79854
Anti-CD19 CAR-T Cells	78171
Anti-CD20 CAR-T Cells	78611
B2M Knockout Jurkat Cell Line	78342
B2M Knockout THP-1 Cell Line	78389
B2M/CIITA Double Knockout THP-1 Cell Line	78391
B7-H3 CHO Cell Line (High, Medium, or Low Expression)	78541
B7-H4 CHO Cell Line (Low, Medium or High Expression)	78586
B7-H7 (HHLA2)/TCR Activator CHO Cell Line	78321
BAFF-R - CHO K1 Recombinant Cell Line (High, Medium or Low Expression)	79921
BCMA / CD20 / Firefly Luciferase CHO Cell Line	78185
BCMA / GLuc - CHO Recombinant Cell Line	79830
BCMA / Luciferase - CHO Recombinant Cell Line	79724
BCMA / NF-κB - Reporter HEK293 Recombinant Cell Line	79755
BCMA CHO Recombinant Cell Line (High or Low Expression)	79500
CD123 (IL3Ra) - CHO Recombinant Cell Line (High, Medium, or Low Expression)	79640
CD137 (4-1BB) /NF-κB Reporter - HEK293 Recombinant Cell Line	79289

Immunotherapy Targets, Neuroscience, Proteases, Wnt | Product Listing Signaling Pathway

Immunotherapy Targets	Catalog#
GITRL CHO-K1 Recombinant Cell Line	60547
GPRC5D (Cynomolgus) CHO Cell Line	78338
GPRC5D (Cynomolgus) HEK293 Cell Line	78346
GPRC5D CHO Cell Line	78337
GPRC5D HEK293 Cell Line	78345
HER2 (ERBB2) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79612
Human Mesothelin - CHO-K1 Recombinant Cell Line	78132
HVEM - CHO Recombinant Cell Line	79297
HVEM - HEK293 Recombinant Cell Line	79313
HVEM/NF-κB Reporter Jurkat Recombinant Cell Line	79310
ICOS/NFAT Reporter-Jurkat Recombinant Cell Line	79668
ICOSL-CHO Recombinant Cell Line	79635
IDO1 Cell-Based Assay Kit	72031
IDO1-HEK293 Recombinant Cell Line (Human)	60532
IDO2 - HEK293 Recombinant Cell Line (Human)	60533
IL-15 Responsive Luciferase Reporter Cell Line	78402
IL-2 Luciferase Reporter Jurkat Cell Line	60481
LAIR1 CHO Cell Line	78913
LIGHT-CHO Recombinant Cell Line	79262
MUC16 (CA125), variant 4 (region 13785-14507) CHO Cell Line	78848
NY-ESO-1 TCR (1G4) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78769
NY-ESO-1 TCR (c259) CD8+ NFAT-Luciferase Reporter Jurkat Cell Line	78771
OX40 - HEK293 Recombinant Cell Line	60682
OX40 / NF-κB Reporter - HEK293 Recombinant Cell Line	60482
PSMA (FOLH1) - CHO Recombinant Cell Line (High, Medium, or Low Expression)	79641
ROR1 CHO Recombinant Cell Line (High, Medium, or Low Expression)	79609
SIRP-α / HEK293 Recombinant Cell Line	60689
SLAMF7 (CS1) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79608
STAT3 Luciferase Reporter THP-1 Cell Line	78498
STAT3 Reporter Jurkat Cell Line	78497
TCR Activator CHO Recombinant Cell line	60539
TCR Activator Raji Cell Line	60556
TCR Activator/FcGR2B CHO Cell Line	78436
TCR Knockout Jurkat Cell Line	78539
TCR/B2M Knockout Jurkat Cell Line	78552
TDO Cell-Based Assay Kit	72033
TDO-HEK293 Recombinant Cell line	60534
Transferrin Receptor Protein-1 (TFRC) HEK293 Cell Line	78308

Immunotherapy Targets	Catalog#
TROP2 - CHO-K1 Recombinant Cell Line	78099

Neuroscience	Catalog#
Adenosine A2A Receptor Functional HEK293 Cell Line	79381
Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137
Cas9-Expressing Neuro2A Cell Pool	78087
CGRPR/CRE Luciferase Reporter HEK293 Cell Line	78325
CSL Reporter - HEK293 Cell line	79754
eGFP/Firefly Luciferase U-87 MG Cell Line	78904
hERG (Kv11.1) - HEK293 Recombinant Cell line	60619
IKCA1 (KCNN4) HEK293 Cell Line	90330
Mouse Notch1 Pathway Reporter Kit (Notch Signaling Pathway)	60509
Nav1.7-GFP HEK293 Cell Line	60507
Nav1.8/β2 - HEK293 Recombinant Cell Line	60521
NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352
NET - CHOK1 Recombinant Cell Line	60557
Notch1 NICD Pathway Reporter Kit (Mouse)	79504
Notch1 Pathway Reporter Kit (Human)	79503
Notch1/CSL Luciferase Reporter HEK293 Cell Line	60652
PDE10A-HEK293 Recombinant Cell line	60410
TMEM16A-HEK293 Recombinant Cell Line	90230
TMEM16B (ANO2) - HEK293 Recombinant Cell line	90332
Transfection Collection™ : Mouse Notch1/CSL Transient Pack (Notch Signaling Pathway)	79285
TrkA / SRE Reporter - HEK293 Recombinant Cell Line	79798
TRPC3-HEK293 Recombinant Cell Line	90130
TRPC7-HEK293 Recombinant Cell Line	90030
TRPM2-HEK293 Recombinant Cell Line	90331

Proteases	Catalog#
ACE2 - CHO Recombinant Cell Line	79959
ACE2 - HEK293 Recombinant Cell Line	79951
ACE2 - HeLa Recombinant Cell Line	79958
FAP- CHO K1 Recombinant Cell Line (High, Medium or Low Expression)	79947
TMPRSS2 - Vero E6 Recombinant Cell Line	78081

Wnt Signaling Pathway	Catalog#
TCF/LEF Reporter - HEK293 Cell Line (Wnt Signaling Pathway)	60501
TCF/LEF Reporter Kit (Wnt Signaling Pathway)	60500

Wnt Signaling Pathway, Gene and Cell Therapy, Cytokines, NK Cells, Metabolic Enzymes, Biotinylation, Phosphodiesterases, Ion Channel/Membrane Transport

Product Listing

Wnt Signaling Pathway	Catalog#	NK Cells	Catalog#
TCF/LEF StemBright™ Luciferase iPS Cell Pool (Wnt Pathway)	78515	CD160/NFAT - Luciferase Reporter - Jurkat Recombinant Cell Line	79594
Transfection Collection™ : TCF/LEF Transient Pack Wnt / β-catenin Signaling Pathway	79273	CD2 CHO Cell Line	78330
		CD27 CHO-K1 Stable Recombinant Cell Line	60624
		CD27/NF-κB Reporter-Jurkat Recombinant Cell Line	79509
		FcGR3A (CD16A) CHO Cell Line	78332
		FcGR3B (CD16B) CHO Cell Line	78333
		IL-2 Luciferase Reporter Jurkat Cell Line	60481
		KIR3DL3/IL-2 Luciferase Reporter Jurkat Cell Line	78322
		LILRB4 NFAT-Luciferase Reporter Jurkat Recombinant Cell Line	79750
		NCAM1 (CD56) CHO Cell Line (High, Medium, or Low Expression)	78352
		RANK/NF-κB Luciferase Reporter HEK293 Cell Line	78102
		SLAMF7 (CS1) CHO Recombinant Cell Line (High, Medium, or Low Expression)	79608
		TROP2 - CHO-K1 Recombinant Cell Line	78099
Gene and Cell Therapy	Catalog#	Metabolic Enzymes	Catalog#
Cas9 Expressing A549 Cell Pool	78072	GLP-1R/CRE Luciferase Reporter HEK293 Cell Line	78176
Cas9 Expressing Daudi Cell Pool	78089	IDO1-HEK293 Recombinant Cell Line (Human)	60532
Cas9 Expressing HCT116 Cell Pool	78073	IDO2 - HEK293 Recombinant Cell Line (Human)	60533
Cas9 Expressing iPS Cell Pool	78578	TDO Cell-Based Assay Kit	72033
Cas9 Expressing Jurkat Cell Pool	78070	TDO-HEK293 Recombinant Cell line	60534
Cas9 Expressing MDA-MB-231 Cell Pool	78069		
Cas9 Expressing Raji Cell Pool	78071	Biotinylation	Catalog#
Cas9 Inducible (Tet-On) iPS Cell Pool	78845	BirA-transformed Competent E. coli cells	27462
Cas9-Expressing A549 Cell Line (High Expression or Low Expression)	78134		
Cas9-Expressing Daudi Cell Line	78157	Phosphodiesterases	Catalog#
Cas9-Expressing HCT116 Cell Line (High or Low Expression)	78135	PDE10A-HEK293 Recombinant Cell line	60410
Cas9-Expressing HEK293 Cell Line	78166	PDE1B-HEK293 Recombinant Cell line	60402
Cas9-Expressing HeLa Cell Pool	78161	PDE4B Cell-Based Activity Assay Kit	79526
Cas9-Expressing Jurkat Cell Line (High or Low Expression)	78136	PDE4D Cell-Based Reporter Assay Kit	60505
Cas9-Expressing MCF7 Cell Pool	78179	PDE7A-HEK293 Recombinant Cell Line	60407
Cas9-Expressing MDA-MB-231 Cell Line (High or Low Expression)	78150	PDE7A-HEK293 Recombinant Cell Line (Rat)	60408
Cas9-Expressing Neuro2A Cell Line (High or Low Expression)	78137	PDE7A/CRE Reporter - HEK293 Recombinant Cell Line	60413
Cas9-Expressing Raji Cell Line	78156	PDE7B-HEK293 Recombinant Cell Line	60412
Cas9/GFP Safe-Harbor HEK293 Cell Line	78582		
CRISPRa (SAM) HEK293 Cell Line	78192	Ion Channel/Membrane Transport	Catalog#
CRISPRa (SAM) HeLa Cell Line	78193	CFTR HEK293 Recombinant Cell Line	60506
CRISPRa (SAM) HepG2 Cell Line	78194	DAT - CHOK1 Recombinant Cell Line	60558
CRISPRa (SAM) Jurkat Cell Line	78080	Empty vector control - HEK293 Recombinant Cell line	90334
StemBright™ Luciferase iPS Cell Pool	78594		
ZsGreen/Luciferase Safe-Harbor HEK293 Cell Line	82091		
Cytokines	Catalog#		
IL-2 Luciferase Reporter Jurkat Cell Line	60481		
LIGHT-CHO Recombinant Cell Line	79262		
NK Cells	Catalog#		
ADCC Bioassay Effector Cell (Mouse) Jurkat Cell Line	79733		
ADCC Bioassay Effector Cell F Variant (Low Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60540		
ADCC Bioassay Effector Cell V Variant (High Affinity)/ NFAT Luciferase Reporter Jurkat Cell Line	60541		

Cell Culture	Catalog#
Growth Medium 3M	78377
Growth Medium 3N	78534
Growth Medium 4A	79535
Growth Medium 4B	79554
Growth Medium 4C	79631
Growth Medium 5A	79534
Growth Medium 5B	79541
Growth Medium 6A	79542
Growth Medium 6B	79657
Growth Medium 6C	78077
Growth Medium 6D	78222
Growth Medium 6E	78385
Growth Medium 6F	78540
Growth Medium 7A	79543
Growth Medium 7B	79545
Growth Medium 7C	78076
Growth Medium 7D	78200
Growth Medium 8A	79653
Maintenance Medium C17	78509
ONE-Step™ Luciferase Assay System	60690
TCellM™	78753
Thaw Medium 1	60187
Thaw Medium 10	79704
Thaw Medium 11	79976
Thaw Medium 12	78074
Thaw Medium 14	78397
Thaw Medium 15	78412
Thaw Medium 16	78647
Thaw Medium 17	78767
Thaw Medium 2	60184
Thaw Medium 3	60186
Thaw Medium 4	60181
Thaw Medium 5	60182
Thaw Medium 6	60183
Thaw Medium 7	60185
Thaw Medium 8	79652
Thaw Medium 9	79665
TWO-Step Luciferase (Firefly & Renilla) Assay System	60683



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