

ASH1L

(Histone-lysine N-methyltransferase ASH1L, ASH1-like protein, Lysine N-methyltransferase 2H, Absent small and homeotic disks protein 1 homolog, KMT2H, KIAA1420)

- **CAT#:** ASH1L
- **Enzyme:** Human ASH1L
- **Substrate:** Oligonucleosomes, 0.05 mg/ml
SAM, 1 μ M
- **Reaction:**
S-adenosyl-L-[methyl- 3 H]methionine + histone L- lysine = S-adenosyl-L-homocysteine + histone [methyl- 3 H]-L- lysine.
- **Reference Compound IC50s:**

| Compounds | IC50 (nM) |
|------------|-----------|
| SAH | 70,000 |
| Chaetocin | 52 |
| Sinefungin | 9,100 |
| Suramin | 390 |

- **Scientific Information:** Q9NR48 (<http://www.expasy.org/uniprot/Q9NR48>)

Reference Compound IC50 for ASH1L

