Recombinant Human ASH1L protein, His&FLAG-tagged

Cat. No. ASH1L-3938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASH1L protein (NP_060959.2)(2407-2579 aa) was expressed in E. coli and contains an N-terminal His-Tag and C-terminal FLAG-Tag.
Species	Human
Source	E.coli
ProteinLength	2407-2579 aa
Form	Supplied in 25mM Tris-HCl pH 8.0, 300mM NaCl, and 10% glycerol.
Bio-activity	3 μM histone H4K5/8/12/16(ac4) peptide was incubated with different concentrations of ASH1L (2407-2579) protein in a 10 μl reaction system containing 50 mM HEPES-NaOH pH 7.4, 0.1% BSA for 1 hour, then 10 μl FLAG antibody and SA-XL665 mixture (each 1:100 dilution in the reaction buffer) was added to each reaction system and incubated for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.
Molecular Mass	23.2 kDa
Purity	> 85%
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

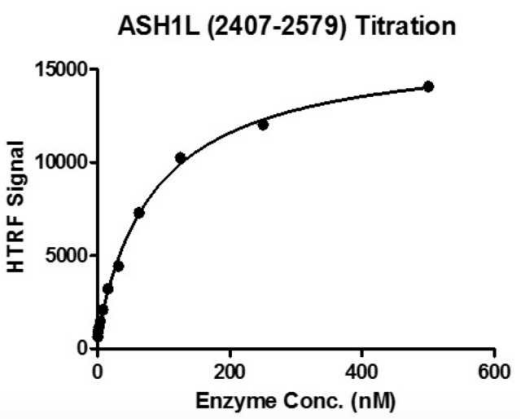
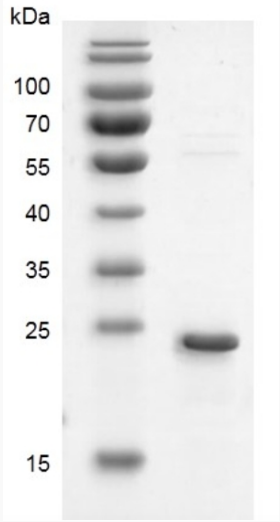
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ASH1L ash1 (absent, small, or homeotic)-like (Drosophila) [Homo sapiens]
Official Symbol	ASH1L
Synonyms	ASH1L; ash1 (absent, small, or homeotic)-like (Drosophila); histone-lysine N-methyltransferase ASH1L; ASH1; ASH1L1; huASH1; KMT2H; ASH1-like protein; lysine N-methyltransferase 2H; absent small and homeotic disks protein 1 homolog; probable histone-lysine N-methyltransferase ASH1L; FLJ10504; KIAA1420;
Gene ID	55870
mRNA Refseq	NM_018489
Protein Refseq	NP_060959
MIM	607999
UniProt ID	Q9NR48

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Activity	
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