Recombinant Human ASH2L Protein, Full Length, N-His tagged

Cat. No. ASH2L-30HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASH2L Protein, Full Length, with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length
Description	Enables beta-catenin binding activity and transcription cis-regulatory region binding activity. Contributes to histone methyltransferase activity (H3-K4 specific). Involved in histone H3-K4 methylation; positive regulation of cell population proliferation; and response to estrogen. Acts upstream of or within cellular response to DNA damage stimulus. Located in nucleus. Part of MLL3/4 complex and Set1C/COMPASS complex.
Form	Aqueous buffer solution
Molecular Mass	61 kDa
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Notes	Avoid freeze/thaw cycles
Usage	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin

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	before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Shipping	At -80 centigrade
References	1. Ikegawa, S., et al., Cytogenet Cell Genet. 1999 ; 84(3-4) : 167-72. 2. Chen, Y., et al., Cell Res. 2012 Mar ; 22(3) : 598-602.

GENE INFORMATION

Gene Name	ASH2L ash2 (absent, small, or homeotic)-like (Drosophila) [Homo sapiens (human)]
Official Symbol	ASH2L
Synonyms	ASH2L; ash2 (absent, small, or homeotic)-like (Drosophila); ash2 (absent, small, or homeotic, Drosophila, homolog) like , ASH2L1; set1/Ash2 histone methyltransferase complex subunit ASH2; ASH2; ASH2L2; Bre2; ASH2-like protein; ASH2L1;
Gene ID	9070
mRNA Refseq	NM_001105214
Protein Refseq	NP_001098684
MIM	604782
UniProt ID	Q9UBL3

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