

Recombinant Human ASXL1, His-tagged

Cat. No. ASXL1-9951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASXL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-84a.a.
Description	This gene is similar to the Drosophila additional sex combs gene, which encodes a chromatin-binding protein required for normal determination of segment identity in the developing embryo. The protein is a member of the Polycomb group of proteins, which are necessary for the maintenance of stable repression of homeotic and other loci. The protein is thought to disrupt chromatin in localized areas, enhancing transcription of certain genes while repressing the transcription of other genes. The protein encoded by this gene functions as a ligand-dependent co-activator for retinoic acid receptor in cooperation with nuclear receptor coactivator 1. Mutations in this gene are associated with myelodysplastic syndromes and chronic myelomonocytic leukemia. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	ASXL1 additional sex combs like 1 (Drosophila) [Homo sapiens]
Official Symbol	ASXL1
Synonyms	ASXL1; additional sex combs like 1 (Drosophila); putative Polycomb group protein ASXL1; KIAA0978; additional sex combs-like protein 1; MDS; BOPS; MGC71111; MGC117280;
Gene ID	171023
mRNA Refseq	NM_001164603
Protein Refseq	NP_001158075
MIM	612990
UniProt ID	Q8IXJ9
Chromosome Location	20q11
Function	metal ion binding; protein binding;

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