

Recombinant Full Length Human ASXL1 Protein, GST-tagged

Cat. No. ASXL1-1409HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASXL1 full-length ORF (AAH64984.1, 1 a.a. - 84 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	84 amino acids
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. [provided by RefSeq, Sep 2009]
Molecular Mass	35.9 kDa
AA Sequence	MKDKQKKKKE RTWAEAAARLV LENYSDAPMT PKQILQVIEA EGLKEMSGTS PLACLNAMLH SNSRGGEGLF YKLPGRISLF TLKR

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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