

Recombinant Full Length Human MLLT1 Protein, GST-tagged

Cat. No. MLLT1-6361HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MLLT1 full-length ORF (AAI48807.1, 1 a.a. - 559 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	559 amino acids
Description	MLLT1 (MLLT1, Super Elongation Complex Subunit) is a Protein Coding gene. Diseases associated with MLLT1 include Borderline Leprosy and Myeloid/Lymphoid Or Mixed Lineage Leukemia. Among its related pathways are Formation of HIV elongation complex in the absence of HIV Tat and Transcriptional misregulation in cancer. An important paralog of this gene is MLLT3.
Molecular Mass	88.44 kDa
AA Sequence	MDNQCTVQVRLELGHRAQLRKKPTTEGFTHDWMVFVRGPEQCDIQHFVEKVVF WLHDSFPKPRRVCKEPPYKVEESGYAGFIMPIEVHFKNKEEPRKVCFTYDLFLNLEGNP PVNHLRCEKLTFFNNPTTEFRYKLLRAGGVMVMPEGADTVSRPSDPYMLPTIPLSAF SDPKKTKPSHGSKDANKESSKTSKPHKVTKEHRERPRKDSSEKSSSKELEREQAKS SKDTSRKLGEGRLPKEEKAPPPKAAFKEPKMALKETKLESTSPKGGPPPPPPPPPPR ASSKR PATADSPKPSAKKQKKSSSKGSR SAPGTSPRTSSSSSFSDKKPAKDKSSTR GEKVKA ESEPREAKKALEVEESNSEDEASFKSESAQSSPSNSSSSSDSSSDSDFEP SQNHSQG PLRSMVEDLQSEESDEDDSSSGEEAAGKTNPGRDSRLSFSDSESDNSA

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	DSSLPSREPPPPQKPPPPNSKVSRRSPESCSKPEKILKKGTYDKAYTDELVELHRR LMALRERNVLQQIVNLIEETGHFNVTNTTFDFDLFSLDETTVRKLQSCLEAVAT
Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
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	MLLT1 myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1 [Homo sapiens]
Official Symbol	MLLT1
Synonyms	MLLT1; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1; myeloid/lymphoid or mixed lineage leukemia (trithorax (Drosophila) homolog); translocated to, 1; protein ENL; ENL; LTG19; YEATS1; ENL/MLL fusion; MLLT1/MLL fusion; YEATS domain-containing protein 1; myeloid/lymphoid or mixed- lineage leukemia (trithorax homolog); translocated to, 1;
Gene ID	4298
mRNA Refseq	NM_005934
Protein Refseq	NP_005925

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MIM	159556
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UniProt ID	Q03111
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