Recombinant Human MLLT3 Protein, GST-tagged

Cat. No. MLLT3-5392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MLLT3 full-length ORF (AAH36089, 1 a.a. - 568 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	MLLT3 (MLLT3, Super Elongation Complex Subunit) is a Protein Coding gene. Diseases associated with MLLT3 include Acute Myeloid Leukemia With T(9;11)(P22;Q23) 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 MLLT1.
Molecular Mass	88 kDa
AA Sequence	MASSCAVQVKLELGHRAQVRKKPTVEGFTHDWMVFVRGPEHSNIQHFVEKVVFHL HESFPRPKRVCKDPPYKVEESGYAGFILPIEVYFKNKEEPRKVRFDYDLFLHLEGHP PVNHLRCEKLTFNNPTEDFRRKLLKAGGDPNRSIHTSSSSSSSSSSSSSSSSSSS SSSGSSSSSSSSSSSSSSSTSFSKPHKLMKEHKEKPSKDSREHKSAFKEPSRDH NKSSKESSKKPKENKPLKEEKIVPKMAFKEPKPMSKEPKPDSNLLTITSGQDKKAPS KRPPISDSEELSAKKRKKSSSEALFKSFSSAPPLILTCSADKKQIKDKSHVKMGKVKIE SETSEKKKSTLPPFDDIVDPNDSDVEENISSKSDSEQPSPASSSSSSSSSFTPSQTR QQGPLRSIMKDLHSDDNEEESDEVEDNDNDSEMERPVNRGGSRSRRVSLSDGSD

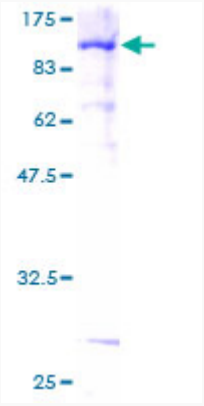
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	SESSSASSPLHHEPPPPLLKTNNNQILEVKSPIKQSKSDKQIKNGECDKAYLDELVEL HRRLMTLRERHILQQIVNLIEETGHFHITNTTFDFDLCSLDKTTVRKLQSYLETSGTS
Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MLLT3 myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3 [Homo sapiens]
Official Symbol	MLLT3
Synonyms	MLLT3; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3; myeloid/lymphoid or mixed lineage leukemia (trithorax (Drosophila) homolog); translocated to, 3; protein AF-9; AF 9; AF9; YEATS3; YEATS domain-containing protein 3; ALL1-fused gene from chromosome 9 protein; myeloid/lymphoid or mixed-lineage leukemia translocated to chromosome 3 protein; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog); translocated to, 3; FLJ2035;
Gene ID	4300
mRNA Refseq	NM_004529

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Protein Refseq	NP_004520
MIM	159558
UniProt ID	P42568
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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