

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 PVNHLRCEKLTFFNNPTEDFRRKLLKAGGDPNRSIHTSSSSSSSSSSSSSSSSSSSSSS SSSGSSSSSSSSSSSSSSSSSSSTSFSPHKLMEHKEKPSKDSREHKSAFKEPSRDH NKSSKESSKKPKENKPLKEEKIVPKMAFKEPKPMSKEPKPDSNLLTITSGQDKKAPS KRPPISDSEELSAKKRKKSSSEALFKSFSSAPPLILTCSADKKQIKDKSHVKMGKVKIE SETSEKKKSTLPPFDDIVDPNDSDEENISSKSDSEQPSPASSSSSSSSSFTPSQTR QQGPLRSIMKDLHSDDNEEESDEVEDNDNDSEMERPVNRGGSRSRRVSLSDGSD

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SESSSASSPLHHEPPPPLLKTNNNQILEVKSPIKQSKSDKQIKNGECDKAYLDELVEL
HRRMLTLRERHILQQIVNLTETGHHITNTTFDFDLCSLDKTTVRKLQSYLETSGTS

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

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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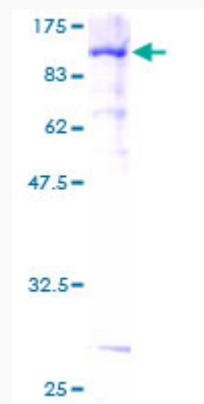
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Protein Refseq NP_004520

MIM 159558

UniProt ID P42568

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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