

Recombinant Human MLLT1 protein, GST-tagged

Cat. No. MLLT1-268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLLT1(1-150 aa)(YEATS DOMAIN, Y78A) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-150 a.a.
Description	The ENL protein is part of the super elongation complex regulating RNA Pol II transcription. A chromosomal translocation resulting in an MLL-ENL fusion is involved in pediatric Acute Lymphoblastic Leukemia. ENL YEATS Domain, Y78A, Recombinant Human contains a substitution of alanine for tyrosine at position 78.
Form	Recombinant GST-tagged protein at 1 mg/ml in 50 mM HEPES pH 7.3, 200 mM NaCl, 1 mM DTT, 10% glycerol.
Molecular Mass	42 kDa
Applications	ENL YEATS Domain, Y78A, Recombinant Human is useful for protein binding and screening experiments examining acetylated protein substrates.
Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.

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Concentration 1 mg/ml

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

MIM 159556

UniProt ID Q03111

Chromosome Location 19p13.3

Pathway Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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