

Recombinant Human MLLT4, GST-tagged

Cat. No. MLLT4-29200TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-141 of Human I Afadin with GST tag at the N-terminus, predicted MWt 42kDa.
Species	Human
Source	E.coli
ProteinLength	1-141 a.a.
Description	This gene encodes a multi-domain protein involved in signaling and organization of cell junctions during embryogenesis. It has also been identified as the fusion partner of acute lymphoblastic leukemia (ALL-1) gene, involved in acute myeloid leukemias with t(6;11)(q27;q23) translocation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, however, not all have been fully characterized.
Conjugation	GST
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, 50mM Sodium chloride, 25mM HEPES, 1mM EDTA, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Contains 1 dilute domain.Contains 1 FHA domain.Contains 1 PDZ (DHR) domain.Contains 2 Ras-associating domains.
GENE INFORMATION	
Gene Name	MLLT4 myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4 [Homo sapiens]
Official Symbol	MLLT4
Synonyms	MLLT4; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4; myeloid/lymphoid or mixed lineage leukemia (trithorax (Drosophila) homolog); translocated to, 4; afadin; AF 6; AF6;
Gene ID	4301
mRNA Refseq	NM_001040000
Protein Refseq	NP_001035089
MIM	159559
Uniprot ID	P55196
Chromosome Location	6q27
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved

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biosystem; Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem;

Function

protein C-terminus binding;

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