

# Recombinant Full Length Human MLLT11 Protein, GST-tagged

Cat. No. MLLT11-986HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AF1Q full-length ORF ( AAH09624, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	90 amino acids
<b>Description</b>	The gene variously symbolized ALL1, HRX, or MLL located on 11q23 has been demonstrated to be fused with a number of translocation partners in cases of leukemia. t(1;11)(q21;q23) translocations that fused the MLL gene to a gene on chromosomal band 1q21 in 2 infants with acute myelomonocytic leukemia have been demonstrated. The N-terminal portion of the MLL gene is critical for leukemogenesis in translocations involving band 11q23. This gene encodes 90 amino acids. It was found to be highly expressed in the thymus but not in peripheral lymphoid tissues. In contrast to its restricted distribution in normal hematopoietic tissue, this gene was expressed in all leukemic cell lines tested. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	35.64 kDa
<b>AA Sequence</b>	MRDPVSSQYS SFLFWRMPIP ELDLSELEGL GLSDTATYKV KDSSVGKMIG QATAADQEKN PEGDGLLEYS TFNFWRAPIA SIHSFELDLL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**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** MLLT11 myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11 [ Homo sapiens ]

**Official Symbol** MLLT11

**Synonyms** MLLT11; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11; protein AF1q; AF1Q; ALL1 fused gene from chromosome 1q; ALL1-fused gene from chromosome 1q; RP11-316M1.10

**Gene ID** 10962

**mRNA Refseq** NM\_006818

**Protein Refseq** NP\_006809

**MIM** 604684

**UniProt ID** Q13015

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