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Product datasheet for AR51541PU-S

MLLT11 / AF1Q (1-90, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MLLT11 / AF1Q (1-90, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMRDPVSS QYSSFLFWRM PIPELDLSEL EGLGLSDTAT YKVKDSSVGK MIGQATAADQ EKNPEGDGLL EYSTFNFWRA PIASIHSFEL DLL
Tag:	His-tag
Predicted MW:	12.4 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MLLT11 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006809
Locus ID:	10962
UniProt ID:	Q13015, Q6FGF7
Cytogenetics:	1q21.3
Synonyms:	AF1Q

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Summary:

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]

Product images:

15% SDS-PAGE (3ug)