

Product datasheet for **RC205165L4V**

MLLT11 (NM_006818) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MLLT11 (NM_006818) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MLLT11
Synonyms:	AF1Q
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006818
ORF Size:	270 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205165).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_006818.3
RefSeq Size:	2180 bp
RefSeq ORF:	273 bp
Locus ID:	10962
UniProt ID:	Q13015
Cytogenetics:	1q21.3
MW:	10.1 kDa



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Gene 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]