

Product datasheet for **RG205165**

MLLT11 (NM_006818) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MLLT11 (NM_006818) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MLLT11
Synonyms: AF1Q
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205165 representing NM_006818
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGGACCCTGTGAGTAGCCAGTACAGTTCCTTTCTTTCTGGAGGATGCCCATCCAGAACTGGATC
TGTCGGAGCTGGAAGGCCTGGGTCTGTCTAGATACAGCCACCTACAAGGTCAAAGACAGCAGCGTTGGCAA
AATGATCGGGCAAGCAACTGCAGCAGACCAGGAGAAAAACCTGAAGGTGATGGCCTCCTTGAGTACAGC
ACCTTCAACTTCTGGAGAGCTCCATTGCCAGCATCCACTCCTTGAAGTGGACTTGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205165 representing NM_006818
Red=Cloning site Green=Tags(s)
MRDPVSSQYSSFLFWRMPIPELDLSELEGLGLSDTATYKVKDSSVGMIGQATAADQEKNPEDGLLEYS
TFNFWRAPIASIHSELDLL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

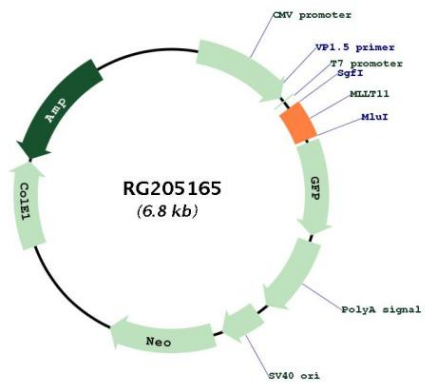


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RefSeq ORF: 273 bp
Locus ID: 10962
UniProt ID: [Q13015](#)
Cytogenetics: 1q21.3
Gene Summary:

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]

Product images:



Circular map for RG205165