

Product datasheet for **SC314000**

MLLT1 (NM_005934) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MLLT1 (NM_005934) Human Untagged Clone
Tag:	Tag Free
Symbol:	MLLT1
Synonyms:	ENL; LTG19; YEATS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005934 edited
 ATGGACAATCAGTGCACCGTCCAGGTGAGGTTAGAGCTGGGGCATCGCGCCAACTGCGC
 AAGAAGCCACCACGGAGGGTTCACTCACGACTGGATGGTGTTCGCCGCGCCCGAG
 CAATGTGACATCCAGCACTTCGTGGAGAAGGTGGTCTTCTGGCTGCACGACAGCTCCCC
 AAGCCCAGACGCGTGTGCAAGGAGCCCCCTACAAAGTAGAGGAGTCGGGGTACGCTGGC
 TTCATCATGCCCATCGAGGTGCACTTCAAAAACAAGGAGGAGCCGAGGAAGTCTGCTTC
 ACCTACGACCTGTTCTGAACCTGGAAGGCAACCCGCCCTGAACCACCTGCGCTGCGAG
 AAGCTCACCTTCAACAACCCACCACGGAGTTCGGGTACAAGCTCCTGCGGGCCGGCGGG
 GTGATGGTAATGCCGAAGGAGCAGACCGGTGTCCAGGCCAGTCCCGACTACCCCATG
 TTACCCACAATCCACTCTCTGCCTTCTCTGACCCCAAGAAGACCAAAACCATCCACGGC
 TCCAAGGACGCCAACAAGGAGAGCAGCAAGACCTCCAAGCCACACAAGGTGACCAAGGAG
 CACCGGGAGCGGCCCGCAAAGACTCCGAGAGCAAGAGCTCCTCCAAGGAGCTGGAGCGT
 GAGCAGGCCAAAAGCTCCAAGGACACTCGCGAAGCTGGGCGAGGGCCGGCTGCCAAG
 GAGGAGAAGGCGCCACCGCCAAGGCTGCCTTCAAGGAACCAAGATGGCCCTGAAAGAG
 ACCAAGCTGGAAGCACGTCCCCAAGGGTGGGCCCCACCCCAACCCCAACCCCAACCC
 CGGGCTTCCAGCAAGCGCCGGCCACCGCCGACTCGCCAAAGCCAGCGCCAAGAAGCAG
 AAGAAGAGCAGCTCGAAGGGTCCCGGAGTGTCCAGGCACCTCGCCCCGCACCTCCTCC
 TCCTCCTCCTTCTCGGACAAGAAGCCGGCCAAGGACAAGAGCAGCACCAGAGGGGAGAAG
 GTGAAGGCCGAGAGTGAGCCCGGGAGGCCAAAAGGCCCTGGAGGTGGAGGAGTCCAAC
 TCAGAGGACGAGGCTCCTTCAAGTCCGAGTCTGCCAGTCAAGCCCGTCCAACCTCCAGC
 TCCAGCTCAGACTCCAGCTCAGACTCAGACTTCGAGCCATCCCAGAACCACAGCCAAGGA
 CCCCTGCGCTCCATGGTGGAGGACTGCAGTCCGAGGAGTCCGACGAGGACGACTCTTCG
 TCAGGCGAGGAGCTGCCGGCAAGACCAACCCGGGGAGGACTCCAGTTGAGCTTCAGC
 GACAGCGAGAGTGACAACAGCGCCGACTCCTCCCTGCCAGCCGTGAGCCCCACCCCCC
 CAGAAGCCACCCCGCCCAACAGCAAGGTGTGAGCCGGAGGAGCCCGAGTCTGCAGC
 AAGCCTGAGAAGATCCTCAAGAAGGGCACCTACGACAAGGCCACACGGATGAGCTGGT
 GAGCTACACCGGAGGCTGATGGCGTGCGGGAGCGCAACGTGCTGCAGCAGATTGTGAAT
 CTGATCGAGGAGACTGGCACTTCAATGTCACCAACACCACCTTCGACTTCGACCTCTTC
 TCCCTGGACGAGACCACCGTGCGCAAACTGCAGAGCTGCCTGGAGGCCGTGGCCACATGA

Restriction Sites: Please inquire

ACCN: NM_005934

Insert Size: 1700 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005934.2 , NP_005925.2
RefSeq Size:	1974 bp
RefSeq ORF:	1680 bp
Locus ID:	4298
UniProt ID:	Q03111
Cytogenetics:	19p13.3
Domains:	YEATS
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA.[UniProtKB/Swiss-Prot Function]