

Product datasheet for **SC305449**

L3MBTL3 (NM_032438) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3MBTL3 (NM_032438) Human Untagged Clone
Tag:	Tag Free
Symbol:	L3MBTL3
Synonyms:	MBT-1; MBT1
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_032438, the custom clone sequence may differ by one or more nucleotides

```

ATGACTGAATCTGCCTCTAGCACAAGTGGTCAAGAGTTTGATGTGTTTCAGTGTTATGGAC
TGGAAAGATGGAGTGGGCACGTTACCAGGAAGTGACTTAAAGTTTCGGGTAATGAGTTT
GGAGCCCTGGAAGTTATTACAGATGAGAATGAGATGGAAAATGTTAAAAAAGCAACTGCT
ACCACCACTTGGATGGTACCAACTGCTCAAGAAGCCCCGACCTCTCCCCGAGCTCCAGG
CCCGTATTTCCACCTGCCTACTGGACATCTCCACCTGGATGTCCACAGTCTTTTTCAGAG
AAGACTGGGATGCCTTTTCAGTTGAAGGATCCAGTGAAAAGTAGAAGGGCTTCAGTTCTGT
GAGAACTGTTGTCAAGTATGGCAACGTAGATGAGTGTCTTTCTGGAGGAAAATATTGCAGC
CAGAAATTGTGCTCGGCACATCAAAGATAAAGATCAGAAGGAAGAAAGGGACGTAGAAGAA
GACAATGAGGAAGAAGATCCTAAGTGTAGTCGGAAGAAAAAACCAAAATTATCTCTGAAA
GCTGACACCAAGGAGGATGGAGAAGAGAGAGATGATGAAATGGAGAACAAACAAGATGTA
AGAATCCTGAGGGGTTTCGACAGAGCACGGAGGAAAAGACGAGGGGATTCGGCTGTACTA
AAGCAGGGTTTGCCTCCTAAAGGAAAGAAAGCGTGGTGTGGGCATCCTACCTGGAAGAG
GAGAAAGCGGTGGCAGTCCCGGCGAAGCTGTTCAAGGAGCATCAATCCTTTCCATATAAC
AAAAATGGATTCAAAGTTGGCATGAAATTAGAAGCGTGGATCCCAGCATCAGTCTGTG
TACTGTGTCTCACCGTCGCGGAGGTTTGTGGATACCGGATAAAGCTTCACTTTGATGGG
TATTCTGATTGCTATGACTTCTGGGTGAATGCAGACGCTCTGGATATCCACCCAGTTGGG
TGGTGTGAGAAAACCGGCCACAACTCCATCCTCCAAAAGGGTATAAAGAAGAAGAAATTC
AATTGGCAGACCTATCTTAAGACATGTAAGACTCAAGCTGCTCCTAAGTCATTATTTGAA
AATCAGAATAAACAGTGATCCCATCGGGCTTTCGAGTTGGTATGAAGCTTGAGGCAGTA
GACAAAAAGAATCCCTCATCTGTGTTGCTACGGTAACAGATATGGTGGACAATCGT
TTCTGTGACATTTTACAACCTGGGATGAGAGCTATGACTATTGGTGTGAAGCATCAAGT
CCCATATTCATCCAGTTGGTTGGTGAAGGAACATAGAAGAACCCTTATTACTCCACCA
GGTTATCCAAATGTGAAACATTTTTCTTGGGATAAATACTTAGAAGAAACCAATTCTTTA
CCTGCTCTGCAAGAGCTTTCAAAGTGAACCTCCTCATGGATCCAGAAAAAAATGAAG
CTTGAGGTTGTAGACAAAAGGAACCCTATGTTTATTAGAGTAGCAACTGTGGCAGACACA
GATGATCACCGGGTAAAAGTTCACTTTGATGGCTGGAACAATTGCTATGATTACTGGATA
GATGCAGATTCTCCTGATATTCACCTGTAGGCTGGTGTCAAAAAACAGGACATCCCCTT
CAGCCTCCTTTGAGCCCCTTAGAATTAATGGAAGCTTCAGAACATGGTGGATGCTCAACC
CCGGGATGTAAGGGATTGGCCATTTCAAGAGAGCGAGACATCTGGGCCCTCACAGTGCT
GCCAACTGTCCCTATTCAGAAATCAATTTGAATAAAGACCGTATTTTTCCAGACCCTTA
AGTGGTGAAGATGCCTCCGGCTAGTCCGTCATTTCCAAGAAATAAAGGACAGATGCAAAAT
GAAAGCTCTTCTCCCCTGAAATCAGAGACCAGCATGCTGATGATGTCAAAGAAGACTTT
GAAGAGAGAACAGAAAGTGAATGAGAACATCACATGAAGCCAGAGGTGCCCGGGAAGAA
CCCACCGTCCAGCAGGCACAGCGTCGGTCAGCTGTCTTTCTGTCTTTAAGTCCCAATT
CCATGTCTGCCCTTGGCTGGGAGCAGCAAAGCAAACCTCTTCCAACGTGTCGAGGAATC
CCTGGGTGTGAAGAACATGGAAGGTATTTAAAGATGAACAAATTGATGGAGAAGCATT
CTACTTATGACTCAAACAGACATTGTTAAAATTATGAGCATTAAACTGGGCCCTGTCTC
AAAATTTTCAATTCCATCCTGATGTTCAAAGCTGCAGAGAAGAATTCTCAATGAACCT
TGA

```

Restriction Sites: Please inquire

ACCN: NM_032438

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_032438.1 , NP_115814.1
RefSeq Size:	4215 bp
RefSeq ORF:	2343 bp
Locus ID:	84456
UniProt ID:	Q96JM7
Cytogenetics:	6q23.1
Gene Summary:	<p>This gene encodes a member of the malignant brain tumor (MBT) family of chromatin interacting transcriptional repressors. Members of this family function as methyl-lysine readers, which recognize methylated lysine residues on histone protein tails, and are associated with the repression of gene expression. The encoded protein may regulate hematopoiesis. Homozygous deletion of this gene has been observed in human patients with medulloblastoma. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>