

## Product datasheet for **SC309639**

### **L3MBTL1 (NM\_032107) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	L3MBTL1 (NM_032107) Human Untagged Clone
Tag:	Tag Free
Symbol:	L3MBTL1
Synonyms:	dj138B7.3; H-L(3)MBT; L3MBTL; ZC2HC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_032107, the custom clone sequence may differ by one or more nucleotides

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ATGAGGCGAAGAGAGGGCCATGGCACCAGCTCCGAGATGGGTCAAGGACCCGTACGGGAG
TCGCAATCCTCAGACCCTCCCGCCTCCAGTCCGGATAAGCGAGTATAAGCCGCTGAAC
ATGGCGGGAGTGGAGCAGCCCCGAGCCCCGAGCTGCGGCAGGAAGGCGTGACCGAATAC
GAAGATGGCGGGGCCCGCGGGAGATGGCGAGCGGGCCCCAACAGGGGAGGACCAC
CCCCAGAATCCTCCAGAAGATCCCAATCAGGACCCCCAGAGGATGATAGCACCTGTCAG
TGCCAGGCGTGCGGGCCTACCAAGCCGCGGGTCCAGATCTTGGTTCCTAATGATGGC
TGCCCTCAGCTGTTCCAGGAGCGGTGAGTCATAGTGGAGAACTCCTCAGGCTCTACCAGC
GCTTCTGAGTCTCAAACCCATGAAGAAGAGGAAGCGCAGGGAATACCAGAGCCCATCA
GAGGAGGAGTCCGAGCCAGAGGCCATGGAGAAGCAAGAAGAAGGAAAGGCCAGAGGGA
CAACCCACTGCTAGCACCCAGAGAGTGGAGAGTGGAGCAGCAGCCAGCCTGCAACAGGT
GAGAAGAAGGAATGCTGGTCGTGGGAGTCTACCTAGAGGAGCAGAAGGCCATTACTGCT
CCAGTCAGCCTCTCCAGGACTCCAGGCAGTCACTCACACAAGAATGGCTTCAAAGT
GGCATGAAGTTGGAAGGCATTGACCCTCAACACCCGTCATGTACTTCATCCTCACCGTG
GCTGAGGTATGTGGCTATCGCCTACGCCTGCACCTTGATGGGTATTCTGAGTGCCATGAC
TTCTGGGTCAATGCCAACTCCCCTGACATTACCCCTGCTGGCTGGTTCGAGAAGACGGGC
CACAAGCTGCAGCCTCCCAAAGGTTACAAGGAGGAGGAGTTCAGCTGGAGCCAGTACCTG
CGCAGCACAAAGAGCTCAGGCTGCCCCAAGCACCTGTTTGTGAGCCAGAGCCACAGTCCC
CCACCCCTGGGCTTCCAGGTGGGCATGAAGCTGGAGGCTGTTGACCGCATGAACCCGTC
CTTGTCTCGTGGCCAGTGTGACCGATGGTGGACAGCCGCTTCTGGTGCACCTTGGAC
AACTGGGATGATACTTATGACTACTGGTGTGATCCAGCAGCCCCACATCCACCCAGTG
GGCTGGTGCCAGAAGCAAGGAAAGCCCCCACCCTCCACAAGATAACCCAGACCTGGAT
AACTTCTGTTGGGAGAAATATCTGGAAGAACTGGGGCCTCTGCTGTCCCCACCTGGGCC
TTCAAGGTGCGACCCCTCACAGCTTCTGGTCAATATGAAGCTGGAGGCTGTGGACCGC
AGGAACCCAGCCCTGATTCGCGTGGCCAGCGTGGAGGATGTGGAGGACCATCGGATAAAG
ATCCACTTTGATGGCTGGAGTATGGCTATGATTTCTGGATCGACGCTGACCACCCAGAC
ATCCACCTGCCGGCTGGTGTCCAAGACAGGACATCCCCTGCAGCCTCCTCTCGGACCC
AGAGAGCCAGCTCTGCCTCCCCTGGGGCTGTCCCCTCTCAGCTATAGGAGCCTGCC
CACACTAGGACCTCCAAATACAGCTTTCACCACCGGAAGTGCCCCACTCCTGGTTGCGAC
GGCTCTGGCCATGTCACAGGCAAGTTCACAGCTACCATTGCCTCTCAGGCTGCCACTG
GCTGAGAGGAACCAAGCCGGCTGAAAGCGGAGTGTCTGACTCGGAGGCTCAGCCCGC
AAGAAGAACCTCTCAGGCTTCTCCCAAGGAAGAAGCCTCGCCATCACGGCCGAATTGGA
CGCCCTCCGAAGTATCGAAAGATTCCGCAGGAAGATTTCCAGACCCTCACGCCCGATGTC
GTGCACCAGTCCCTTTCATGTCAGCCCTGTGCGCCACCCCTGACCGCTCACTCTCAGTG
TGCTGGGAGCAGCACTGCAAGCTCTGCCAGGAGTAGCGGGCATCTCAGCCTCGACAGTC
GCCAAGTGGACCATCGATGAGGTCTTCGGCTTTGTTTCCAGACCCTGACAGGTTGTGAGGAC
CAAGCACGCCTCTTCAAAGACGAGGTAAGGTGCAAGTGCAGAGTGGGAGACAGAGCCGGG
GTCACTGTCCTTAAGACGGCAGGAAGCAGGTGCCCTCCCAGCGTCACTTCTGCTAA

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**Restriction Sites:** Please inquire

**ACCN:** NM\_032107

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_032107.2</a></u> , <u><a href="#">NP_115479.2</a></u>
<b>RefSeq Size:</b>	2743 bp
<b>RefSeq ORF:</b>	2217 bp
<b>Locus ID:</b>	26013
<b>UniProt ID:</b>	<u><a href="#">Q9Y468</a></u>
<b>Cytogenetics:</b>	20q13.12
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene represents a polycomb group gene. The encoded protein functions to regulate gene activity, likely via chromatin modification. The encoded protein may also be necessary for mitosis. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010]</p> <p>Transcript Variant: This variant (II) represents the longer transcript and encodes the longer isoform (II).</p>