

Product datasheet for **MC222399**

L3mbtl3 (NM_172787) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3mbtl3 (NM_172787) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	L3mbtl3
Synonyms:	AI481284; MBT-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222399 representing NM_172787
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGAATCTGCATCTAGCACAAAGTGGTCAAGAGTTTGTGTGTTAGTGTTATGGACTGGAAGGATG
 GCGTTGGTACCCTACCAGGGAGTGATTTAAAGTTTCGAGTAAATGAGTTTGGAGCTTTGGAAGTTATCAC
 AGACGAAAAGCGAGATGGAAGTGTAAAGAAAGCTACAGCCACTACCACATGGATGGTCCCAACTGCCTCAA
 GACGCCCGACTTCTCCCCGAGCTCCAGGCCGTATTTCCACCTGCCTACTGGACATCTCCACCTGGAT
 GTCCACAGTCTTTTCAGAGAAGACTGGGGTACCCTTCAGGCTGAAGGAGCAATCAAAGCAGACGGGCT
 TCAGTTTTGTGAGAACTGTTGTCAGTATGGCAACGGAGATGAATGTCTTCGGGAGGAAAGTATTGCAGC
 CAGAATTGTGCTCGGCATGCCAAAGACAAAGATCAAAGGATGAACGGGATGGAGCGAAGACAACGATG
 AGGAAGATCCTAAGTGTAGTCGAAAGAAAAGCCAAAATTGTCTCTGAAGCGGACTCCAAGGACGATGG
 AGAAGAGAGAGATGATGAAATGGAGAACAACAAGATGGAAGGATCCTGAGGGGTTCTCAGAGAGCCAGA
 AGGAAAAGACCGCGGGATTCTGCGCTCTTAAAGCAAGGCTTGCCTCCTAAAGGCAAGAAGACCTGGTGTT
 GGGCTTCTACCTGGAGGAGGAGAAAGCAGTGGCTGTGCCTACGAAGCTGTTCAAAGAGCACCAATCCTT
 CCCATATAACAAAAATGGATTCAAAGTGGGCATGAAGCTAGAAGGCGTGGACCCTGACCACCAGGCAATG
 TACTGCGTCTTACTGTGGCTGAGGTTTGTGGATATAGGATAAACTTCACTTTGACGGTTATTCTGATT
 GCTATGACTTCTGGGTAATGCAGATGCTCTGGACATTCACCCAGTAGGCTGGTGTGAGAAGACTGGCCA
 TAAGTCCGCCCTCCAAAAGGTATAAAGAAGAAGAAATTAATTGGCAGTCTACCTTAAGACTTGCAAA
 GCCCAGGCTGCTCCAAAGTCATTATTTGAAAATCAGAACATAACAGTATCCCGTCAGGCTTTTCGAGTTG
 GGATGAAGCTCGAGGCTGCAGACAAAAAGGCCCTTCTGTCATCTGTGTTGCTACGGTAACAGATATGGT
 GGACAATCGTTTTCTGGTACATTTTGACAACCTGGGATGAGAGCTATGACTATTGGTGTGAATCAAACAGT
 CCACACATTCATCCAGTCGGCTGGTGTAAAGAGCACAGAAGAACCCTGATTACTCCACCAGGCTATTCTC
 ATGTGAAACACTTTTCTGGGATAAATATTTAGAAGAAACCAATCTTTACCTGCTCCTGCAAGAGCTTT
 CAAAGTGAACCTCCACATGGATTCCAGAAGAAAATGAAGCTGGAAGCTGTGGACAAAAGAAACCCGCTG
 TTCATCAGAGTAGCACTGTAGCCGACACGGATGACCACCGGATAAAGGTTCACTTTGATGGCTGGAGCA
 GTTGCTATGACTACTGGATTGATGCAGACTCTCCAGATATTCACCCCGTGGGCTGGTGTTCGAAGCCGG
 GCACCCTCTCAGGCTCCGCTAAGCCCTGCAGAATTAATGGAACCATCAGAAACCGGAGGATGTCCAAC
 CTAGGCTGCAGGGGTGTTGGTCATTTTAAAAAATCGAGATACCTGGGCACTCAGAGTGGTCCAACCTGTC
 CCTATTCAGAAATCAACCTGAGTAAGGAACGCATCTTCCAGACCGCCTAAGTGGTGACACCTCTCCACC
 TACTACTCCCTCGTTCCCAAGGAGTAAAAGGATGGACACCAGAGAAAGTTCTCGTCTCCTGAAACCAGG
 GAAAAGCATGCCAATAACTTCAAAGAAGATTCTGAAAAGAAAAAGAAAATGAAGTAAAGACATCAGCCG
 AAGCCAAAGTTGTTTCGGGAAGAGCCTACCCTAGTGTACAGCAGAGTCAAGCCACCTCAGCAGGTGCAGCA
 AGTGCAGCATGCTCAACCTCCTCAGCAGGCACAGAAGGCTCCGCAGGCCAGCAGGCCAGCAAGCCAG
 CAGGCCAGCAGGCTCCACAGGCCCCACAGACTCCACAGCCCCAGCAGGCCACAGGTCCAGCAGGCC
 AGCAGGCTCCACAGGCTCAGCAGGCCAGCAGCCCCAGCAGGCCAGCAGCCTCAGCAGGCCCCACCCGT
 CCAACAGCCTCAGCAGGTTCAACAGGCTCAGCCCACCCAGCAGCAAGCCAGACCCAGCAGCAGGCCCCAG
 CGACGCTCAGCAGTATTTCTCTCTTTAAGCCTCCCATTCGTGTCTGCCCTTGCCTGGGAGCAGCAGA
 GCAAGCTTCTCCGACTGTGCTGGTATCCAGCTAGTAGAGTTTCAAATGGAGCACAGACGAGGTGTC
 AGAATTCATTAGAGCTTGCCTGGTGTGAAGAACATGGAAGGTTTAAAGGATGAACAAATTGATGGA
 GAAGCATTTTTACTATGACCCAAACAGACATTGTTAAAATCATGAGCATTAAAGTGGGCCAGCTCTCA
 AAATTTCAACTCTATTCTGATGTTCAAAGCTGCGGAGAAGAATCCACAATGAACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172787
Insert Size: 2652 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).
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_172787.2 , NP_766375.1
RefSeq Size:	3411 bp
RefSeq ORF:	2652 bp
Locus ID:	237339
UniProt ID:	Q8BLB7
Cytogenetics:	10 A4
Gene Summary:	<p>Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility (By similarity). Required for normal maturation of myeloid progenitor cells. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1 and 3 encode the same isoform (1).</p>