

Product datasheet for **MC220678**

L3mbtl3 (BC082309) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3mbtl3 (BC082309) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	L3mbtl3
Synonyms:	AI481284; MBT-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC082309
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGAATCTGCATCTAGCACAAAGTGGTCAAGAGTTTGTGTGTTAGTGTATGGACTGGAAGGATG
 GCGTTGGTACCCTACCAGGGAGTATTTAAAGTTTCGAGTAAATGAGTTTGGAGCTTTGGAAGTTATCAC
 AGACGAAAGCGAGATGGAAGTGTAAAGAAAGCTACAGCCACTACCACATGGATGGTCCCAACTGCTCAA
 GACGTCTTTTCAGAGAAGACTGGGGTACCCTTCAGGCTGAAGGAGCAATCAAAGCAGACGGGCTTCAGT
 TTTGTGAGAACTGTTGTCAGTATGGCAACGGAGATGAATGTCTTTCGGGAGGAAAGTATTGCAGCCAGAA
 TTGTGCTCGGCATGCCAAAGACAAAGATCAAAGGATGAACGGGATGGAGGCGAAGACAACGATGAGGAA
 GATCCTAAGTGTAGTCGAAAGAAAAGCCAAAATTGTCTCTGAAGGCGGACTCCAAGGACGATGGAGAAG
 AGAGAGATGATGAAATGGAGAACAACAAGATGGAAGGATCCTGAGGGGTTCTCAGAGAGCCAGAAGGAA
 AAGACCGGGGATTCGCCGTCTTAAAGCAAGGCTTGCCTCCTAAAGGCAAGAAGACCTGGTGTGGGCT
 TCCTACCTGGAGGAGGAGAAAGCAGTGGCTGTGCCTACGAAGCTGTTCAAAGAGCACCAATCCTTCCCAT
 ATAACAAAAATGGATTCAAAGTGGGCATGAAGCTAGAAGGCGTGGACCCTGACCACCAGGCAATGTACTG
 CGTCTTACTGTGGCTGAGGTTTGTGGATATAGGATAAACTTCACTTTGACGGTTATTCTGATTGCTAT
 GACTTCTGGGTAATGCAGATGCTCTGGACATTCACCCAGTAGGCTGGTGTGAGAAGACTGGCCATAAGC
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 GGCTGCTCCCAAGTCATTATTTGAAAATCAGAACAACAGTATCCCGTCAGGCTTTCGAGTTGGGATG
 AAGCTCGAGGCTGCAGACAAAAAGAGCCCTTCTGTCATCTGTGTGCTACGGTAACAGATATGGTGGACA
 ATCGTTTCTGGTACATTTTGAACAAGTGGGATGAGAGCTATGACTATTGGTGTGAATCAAACAGTCCACA
 CATTTCATCCAGTCGGCTGGTGTAAAGAGCACAGAAGAACCCTGATTACTCCACCAGGCTATTCTCATGTG
 AAACACTTTTCTGGGATAAATATTTAGAAGAAACCAATTCTTTACCTGCTCCTGCAAGAGCTTTCAAAG
 TGAACCTCCACATGGATTCCAGAAGAAAATGAAGCTGGAAGCTGTGGACAAAAGAAACCCGCTGTTTCAT
 CAGAGTAGCAACTGTAGCCGACACGGATGACCACCGGATAAAGGTTCACTTTGATGGCTGGAGCAGTTGC
 TATGACTACTGGATTGATGCAGACTCTCCAGATATTCACCCCGTGGGCTGGTGTCCAAGACCGGGCACC
 CTCTTCAGGCTCCGCTAAGCCCTGCAGAATTAATGGAACCATCAGAAACCGGAGGATGTCCAACCTTAGG
 CTGCAGGGGTGTGGTCATTTAAAAAATCGAGATACCTGGGCACTCAGAGTGGTCCAACCTGTCCCTAT
 TCAGAAATCAACCTGAGTAAGGAACGCATCTTCCAGACCGCCTAAGTGGTGCACCTCTCCACCTACTA
 CTCCTCGTTCCCAAGGAGTAAAAGGATGGACACCAGAGAAAGTTCTCGTCTCCTGAAACCCAGGAAAA
 GCATGCCAATAACTTCAAAGAAGATTCTGAAAAGAAAAAGAAAATGAAGTAAAGACATCAGCCGAGCC
 AAAGTTGTTCCGGGAAGAGCCTACCCTAGTGTACAGCAGAGTCAAGCCACCTCAGCAGGTGCAGCAAGTGC
 AGCATGCTCAACCTCCTCAGCAGGCACAGAAGGCTCCGCAGGCCAGCAGGCCAGCAAGCCAGCAGGC
 CCAGCAGGCTCCACAGGCCCCACAGACTCCACAGCCCCAGCAGGCCACAGGTCCAGCAGGCCACAGCAG
 GCTCCACAGGCTCAGCAGGCCACAGCCCCAGCAGGCCACAGCCTCAGCAGGCCACCCCGTCCAAC
 AGCCTCAGCAGGTTCAACAGGCTCAGCCACCCAGCAGCAAGCCAGACCAGCAGCAGGCCAGCAGGCAGC
 CTCAGCAGTATTTCTCTCTTTAAGCCTCCCATTCGGTGTCTGCCCTTGCCTGGGAGCAGCAGAGCAAG
 CTCTTCCGACTGTGCTGGTATCCAGCTAGTAGAGTTTCAAATGGAGCACAGACGAGGTGTCAGAAT
 TCATTCAGAGCTTGCCTGGTGTGAAGAACATGGAAGGTGTTAAGGATGAACAATTTGATGGAGAAGC
 ATTTTTACTCATGACCCAAACAGACATTGTTAAAATCATGAGCATTAAAGCTGGGCCAGCTCTAAAATT
 TTCAACTTATTCTGATGTTCAAAGCTGCGGAGAAGAATCCACAATGAACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC082309
Insert Size: 2577 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:	BC082309 , AAH82309
RefSeq Size:	4280 bp
RefSeq ORF:	2576 bp
Locus ID:	237339
Cytogenetics:	10 A4
Gene Summary:	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]