

Product datasheet for **MC219883**

L3mbtl4 (NM_177278) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L3mbtl4 (NM_177278) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	L3mbtl4
Synonyms:	A730037L19Rik; D930040M24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219883 representing NM_177278
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGACAACCTAACCGGAAGAGGAAGCTCAGCCTAGAGTCTACAGAGCGCATGAATCAGGACAGATGCA
 CGGGGCAAACCTGAGGAAGAAAAGAAGCCGGGAGAGGTGACCACACCTTCAAAGCGAGAATCTTCTGTGAC
 TACAGCGGAAACCTGGTCTGGGAGCAGTACCTGAGAGAAGGAAACGCTGTAGCTGCACCAGTAGAACTG
 TTTTCAAAGGACCAATCCTTTCCGGAGCATGAAAATGGCTTTCAGGTTGGAATGAGGTTGGAAGGCATTG
 ATGCCCGACGTCCATCTGTGTTCTGTGTGCTTCTGTAGCAGAGGTGTGTGGCTACCGGCTGAGACTGCA
 TTTTGATGGTTATTTAAGCTGCTATGATTTTTGGACCAATGCTGGTTCGCCGGACATTCACCCAGTGGGA
 TGGTGTCAAAGACCAAGCATGAACTGCATATCCCTCGGATTATAGAAAAGATAAATTTGTTGGATGG
 ATTACTGAAGGCCTGTAGATTGCAAAATGCTCCTAAGAAATTATTCAGAAACAGAAGTTCTAATGGTCC
 AGTGCCAAGGGAGTTTCAAGTTGGGATGAAGCTGGAGGCTGTGGACAGGAGGAACCCCTTGCTTGATGTG
 GTGGCAACCATTCAGACATTGTGGAAGACCGAGTCCGGGTGCATTTTGACAGCTTGGATGACAGCTTTG
 ATTACTGGTGTGATGTTAACAGCCCTTACATCCAGCCGGTTGGTGGTGTGAGGAGAACGGAAGAACTCT
 GGTGCTCCCAAGGTTATCCTCATCCAGATAAGTTTTCTGGACAGACTACCTGCGAGCTTCTCAATCG
 AAGGCAGTGCCCGCAAGGCCTTTGGCATGAGGACTCCACATGGTTTTTTGCCAAACATGAAGTTGGAAG
 CTGTGGACAAAAGGAACCCCAAGTTGATTCGTGTTGCTACCATTGCCGATGTTGATGACTACAGAGTAAA
 GATTCATTTTCGATGGCTGGGACCATAAGTACGACTATTGGGTGGATGCCGACAGCCAGGACATCCACCCC
 ATCGGGTGGTGCATGTGACAGGGCATCCGCTGGAAGTCCATATGGGTCAAAGCATGTGAAAATCCTTC
 CAGGTC AACCTGCATGTCTACTCCTGGTGCCGAGGCATAGGTGCATATCCGTGGCCACGTTATGCAGG
 ACACCACAGTGTCTTTGGGTGCCCGTACTCAGATGTGAACCTTGAAGAGAGGACAGCCCTTCAGGATCGC
 CTGAGAGAACAACACAGGCAAATTTGGAACCTGATCCTTACATTCCAATCAGAAAACCCCTGTAAAT
 TGAATGTCAACGGAATGTGAAAATGCAACAGTCAGTGCAGACTTGTACAGCAGGCAAAGTGTGTTGAA
 AATCAAAGGAAAAGAAGATATTGACTTGGATAATCTCTCAGAGTCTGGTTTTCCATCCTCGAAGGCTA
 GAGTACTCAGCTGCACAGGTGCAGCAGATGCTTACCAGCCGCTCCTCATGACATCCACGCTGCCACC
 CTTTCCGAGACATCCCCCTCAGCAGGGAGCAGCACTGCAAGCTGCTTCCAGGTGTGGCTGACATCCAAGC
 CAGTCAAGTGGCCAGATGGACAGTGGATGAGGTGGCTGAGTTTGTGAGTCTCTTCTGGGCTGTGAAGAA
 CACGCCAAGTGTCTCAAGAAGGAGCAGATAGATGGCAAAGCCTTCTGCTTCTGACCCAGGCAGATATTG
 TCAAAGTGATGAGAATCAAGCTGGGCCAGCACTGAAGATCTACAACCTATCCTGATGTTCAAGAACTC
 CCAGGATGCTCACTGAAGATGCCTTAGCCAAGAAGACAAGAGATA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177278

Insert Size: 1866 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:

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_177278.5](#), [NP_796252.2](#)

RefSeq Size: 4570 bp

RefSeq ORF: 1866 bp

Locus ID: 320858

UniProt ID: [B1B1A0](#)

Cytogenetics: 17 E1.2

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).[UniProtKB/Swiss-Prot Function]