

Product datasheet for **MC225903**

Lmo1 (NM_001302206) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lmo1 (NM_001302206) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lmo1
Synonyms: Rbtn-1; Rbtn1; Ttg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225903 representing NM_001302206
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCTCCGTCCAACCTAAGGGGAAACAGAAGGGCTGCGCAGGCTGCAACCGCAAGATCAAGGACCGGT
ACCTGCTGAAGGCACTGGACAAGTACTGGCATGAGGACTGCCTCAAGTGTGCCTGCTGTGACTGTGCGCT
GGCGGAGGTGGGCTCCACTCTCTACACCAAGGCCAACCTCATCCTGTGCCGGCGTGACTACCTGAGGCTT
TTTGGCACCACAGGAACTGTGCTGCCTGCAGCAAGCTGATCCCAGCTTTTGAGATGGTGTATGCGGGCCC
GAGACAATGTGTATCACCTTGACTGCTTCGCTGCCAGCTCTGCAATCAGAGATTTTGCCTGGGAGACAA
ATTCTTCTGAAGAACAACATGATCTTGTGCCAGGTGGACTATGAGGAGGGGCATCTCAATGGCACCTTT
GAATCCCAGGTT**CAGTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001302206
Insert Size: 438 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001302206.1</u> , <u>NP_001289135.1</u>
RefSeq Size:	940 bp
RefSeq ORF:	438 bp
Locus ID:	109594
UniProt ID:	<u>Q924W9</u>
Cytogenetics:	7 57.21 cM
Gene Summary:	May be involved in gene regulation within neural lineage cells potentially by direct DNA binding or by binding to other transcription factors.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate splice site in the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1.