

## Product datasheet for **MC225964**

### Lmo1 (NM\_001302205) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lmo1 (NM\_001302205) 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:** >MC225964 representing NM\_001302205  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTTTTGGACCAAGAGGACGGTGTGCCGATGCTCTCCGTCCAACCTAAGGGGAAACAGAAGGGCTGCG  
CAGGCTGCAACCGCAAGATCAAGGACCGGTACCTGCTGAAGGCACTGGACAAGTACTGGCATGAGGACTG  
CCTCAAGTGTGCCTGCTGTGACTGTCGCCTGGCGAGGTGGGCTCCACTCTCTACACCAAGGCCAACCTC  
ATCCTGTGCCGGCGTGACTACCTGAGGCTTTTTGGCACCACAGGAACTGTGCTGCCTGCAGCAAGCTGA  
TCCCAGCTTTTGAGATGGTGTGATCGGGCCCGAGACAATGTGTATCACCTTGACTGCTTCGCTGCCAGCT  
CTGCAATCAGAGATTTTGCCTGGGAGACAAATCTTCTGAAGAACAACATGATCTTGTGCCAGGTGGAC  
TATGAGGAGGGGCATCTCAATGGCACCTTTGAATCCCAGGTT**CAGTAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001302205  
**Insert Size:** 468 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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<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001302205.1</a></u> , <u><a href="#">NP_001289134.1</a></u>
<b>RefSeq Size:</b>	1022 bp
<b>RefSeq ORF:</b>	468 bp
<b>Locus ID:</b>	109594
<b>UniProt ID:</b>	<u><a href="#">Q924W9</a></u>
<b>Cytogenetics:</b>	7 57.21 cM
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) uses an upstream alternate 5'-terminal exon which reflects use of an alternate promoter supported by epigenetic data, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus compared to isoform 1.</p>