

## Product datasheet for **RN207998**

### Lmo7 (NM\_001001515) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lmo7 (NM\_001001515) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lmo7  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN207998 representing NM\_001001515  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGGGATGGAGGACGCTGAGGCCGATTGCTCCATTGCATTCGCGGAGGCTCAGAGATGGTGGAGG  
CTGTAAGTGAAGAATTTTGAACAAGGGATTTTCGAGCCTCTCGAAAAATGGTGTCTGTTGTGTGA  
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GGGATCTACAGGATTTATCAAACCGAGTCACTGTCAAGCAAGAAGAGACTGACAGGAGACTGAAAAATGT  
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CCCCTGAAGATATGAAGTGGAAAAAATAAAAAGAGAGACTTATAAGCCATGGTATAAGGAATTTTCAGG  
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GTCAAACCTCGATCCTACCTCTGGCCCGAGGCTCATAACTCGCAGGAAGAAGTCTTCCACCCAGGCT  
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GACGACGCTGTGCAACGCGATATAATTTTGCAGTGTGCGGAAGGTGAACTCGTACTTCCGGATTTAGAAA  
AGGATGACATGATTGTTTCGAGGATCCAGCTCAGAAGAAAGAAGTGCCCTTTCTGGGGCCGAGATAG  
ATACCAGCCAGTCCCCTTCCCTGAACCGTGGACTCTACCTCCAGAAATCCAAGCGAAATTTCTCTCGGTG



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CTTGAAAGGACATGCCACCCAAAGACAAACCAAGTAGCTGTAGGGTGTAGTACCTTCCCATCGACTGA  
 AGAAAGACGCATGTTGACTCGCAAGATCCAGTCTTGAAGCTGGGGACTGCTGTGCCACCCATCAGCTT  
 CAGGCCTGGCCCTGCAGCGAGGCCGACCTACGGAAGTGGGAGGCCATCCGGGAGGCCAGCAGACTTAGG  
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 CAGGAGCGGTGGCAGAAAGAGCAAGATCGCCTACTGCAGGAAAAATACCAACGTGAGCAGGAGAAGCTGA  
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 GGTCTAAATCCAACAGCATTTCCTGACCTCCCGGAGTCTGTGACTGCCTCTGGGAACCCAGCTGG  
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 ACGATGCTGTGTATGAGGACCAAGTCAGAAGTGCAGGAAAGGCTCATGCTTGAGCATGAGAAGAAAAAG  
 GAAGGAGCAAGAGGCTCAGGAAGAGGAGCTCCGGAAGCAGCGGGAAGCTGAGGCTCAAGCTCGGGCTGAG  
 GCAGAAGCCAGGCCAGGGCCGAGGCTCAGGCCGGGCAGAGGCCAGGCCAGGCCAGGCCGAGGCTGAGGCTA  
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 AGGAGTAAATCAAGATCTACTACAGAGCTGAACGACCCCTCATAGAGAAGAGTGAAGCAGCAAAATATT  
 CAGATCGAATTGGGACCACTAGCTTTTCAAAAGGAGTCTAAGAAGGATCAAGGCCCTCGGAAGCGGA  
 GTTGGAGAGACAGCAATCCTTCAGGAAATGAGGAAGAAAAATCTCTCCACAATGACAACAGCTGGATC  
 CGACAGCGCAGTGCCAGTGTAAACAAGGAGCCATCTGCCTGACTGGGATCATGAGAAGAGGGGAGTCTC  
 TGGACAATCTGGATTCAGCGGCCAGGATCTTGGAGGCACTCTCTGGCACAGCCAGCCTGCAGGAGT  
 CTACGCATCTTCTCTGTTCAAGACTTTAGTCGCCTGCCACCACAGCTGTTGTCCACGTCAAACCGTGCC  
 TACATGCGGAACCCATCCTCTGCGGTACCGCTCTAGCTGGCTCAGTGAAGACCTCCCGGGGTCTCCCT  
 CTCACGTAAGCATTCTCCTTCGATGTCACAGTCAAGCTCTCAGTACGTAACAGGTCAGTGAGTGGGAA  
 ACGTGTGTCTCTACTGTAATAGCATTCTGGCAAGGAGCCGCATGATCATCGAGACCTGGGTCTT  
 TGTATCATTTACATTGTTTTAAGTGTCTCCTGTGAGCGTGACCTCGGAGGCTTCTCCTCGGAGCCG  
 AAGTCAGAAATCCGAAACCACCACTGACTGCAATGACTGCTATCTCCGATTCAAATCTGGCCGGCAAC  
 CGCCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001001515
<b>Insert Size:</b>	5190 bp
<b>OTI Disclaimer:</b>	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).
<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>NM_001001515.1, NP_001001515.1</u>
<b>RefSeq Size:</b>	5190 bp
<b>RefSeq ORF:</b>	5190 bp
<b>Locus ID:</b>	361084
<b>Cytogenetics:</b>	15q21
<b>Gene Summary:</b>	binds afadin and alpha-actinin; may facilitate association of nectin and E-cadherin in cell-cell adhesion [RGD, Feb 2006]