

## Product datasheet for MC224841

### Lmo7 (NM\_201529) Mouse Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Lmo7 (NM_201529) Mouse Untagged Clone   |
| Tag:                 | Tag Free  |
| Symbol:              | Lmo7  |
| Synonyms:            | C78582; FBXO20; Gm914; mKIAA0858  |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >MC224841 representing NM_201529<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGGGATGGAGGACGCCGAGGCCGATTGCTCTGTTGCATTCGCAGAGGCTCAGAGATGGGTGGAGG  
CTGTAACCTGAGAAGAATTTTGAACAACGGATTTTCGAGCCTCTCTAGAAAATGGTGTCTGTTGTGCGA  
CTTGATTAATAAGCTCAAACCTGGCGTCGTTAAGAAGATCAATAGACTGTCTACCCCAATAGCAGGTTTG  
GATAACATAAATGTTTTTTGAGAGCTTGTGAACAGATTGGATTGAAAGAAGCCAGCTTTTTTCATCCGG  
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TTGAAAGCTTTTGGAGCTCTTTTAGGGCAAGCTTTGACTAAGGCCTTGAAGATTCCAGCTGCCTGAAAA  
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GACGATGCCGTGGAACGAGATATAATTTTCAGTGTCCGGGAAGGTGAACTCGTACTTCCAGATTTAGAAA



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AGGATGATATGATTGTCCGCAGGATTCCAGCTCAGAAGAAAGAAGTGCCCTTTCTGGGGCCCCGGATAG  
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 GCGGAGAGAGAGAATTCCAAGTACCTGGATGAGGAGCTGATGGTCTAAATTTCAAACAGCATTTCTCTGA  
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 AAGCTCCAGGCAGAGAGGGAACGTGAAACGTCCGTCAAAATATACCAGTACCAGGAGGCAATGATTCCT  
 ACGACCTACCAAAGAGAGAAGACGACACTTCAGGGATGCTTCCAACCTGACAGGAGTAAATCAAGATCTAC  
 TACGGAACATAATGACCCCTCATAGAGAAAAATGGAAGCAGCAAAATTTAGAGAGAAATTTGGGGCCACT  
 AGCTTTTACATAGGAGTTCTAAGAAGGATCAAGCCCCCTCAGAAGCAGAGTTGGAGAGACAGAAATCC  
 TTCAGGAAATGAGGAAGAGAATCTCTCCACAATGACAACAGCTGGATCCGACAGCGCAGCGCCAGTGT  
 GAACAAGGAGCCCATCTGCCTGCCTGGGATCATGAGGAGAGGGGAGTCTCTGGACAATCTGGATTCCAG  
 CGGCCGGGTTCTGGAGGAGTCCCTTGGCACAGCCAGCCTGCCGGGTCTATGCGTCTTCTCTGTCC  
 AGGACTCAGTCGCCCCCACCCTCAGCTGTTGTCTACATCAAACCGTGCCTACATGCGGAACCCATCCCT  
 TGCGGTGCCACCTCCAGCCGGCTCTGTGAAGACCTCCCCAGGGTCTCCCTCTCCAGCAGCCATTCCCT  
 TCCATGTCACAGTCAGGCTCTCAGCTACGGAATAGGTCAGTGAAGTGGGAAGCGTGTGTGCTCTACTGTA  
 ATAACATTTCTGGCAAAGGAGCCGCATGATCATCGAGACCTGGGTCTTTCTTATCATTACATTGTTT  
 TAAGTGTGTCTCTGTGGGTGTGACCTCGGAGGCTCTTCTCAGGAGCTGAAGTCAGAATCCGAAACCAC  
 CAACTCTACTGCAATGACTGCTATCTCCGATTCAAATCTGGACGGCAACCGCCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_201529   |
| <b>Insert Size:</b>           | 5100 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><a href="#">NM_201529.2</a></u> , <u><a href="#">NP_963287.2</a></u>   |
| <b>RefSeq Size:</b>           | 6123 bp   |
| <b>RefSeq ORF:</b>            | 5100 bp   |
| <b>Locus ID:</b>              | 380928  |
| <b>Cytogenetics:</b>          | 14 50.9 cM  |