

## Product datasheet for **SC111076**

### LMO4 (NM\_006769) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LMO4 (NM_006769) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMO4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006769, the custom clone sequence may differ by one or more nucleotides

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ATGGTGAATCCGGGCAGCAGCTCGCAGCCGCCCCCGGTGACGGCCGGCTCCCTCTCCTGGAAGCGGTGCG  
CAGGCTGCGGGGCAAGATTGCGGACCGCTTTCTGCTCTATGCCATGGACAGCTATTGGCACAGCCGGTG  
CCTCAAGTGCTCCTGCTGCCAGGCGCAGCTGGGCGACATCGGCACGTCTGTTACACAAAAGTGGCATG  
ATCCTTTGCAGAAATGACTACATTAGGTTATTTGGAAATAGCGGTGCTTGACAGCGTTGCGGACAGTCGA  
TTCCTGCGAGTGAACCGTCATGAGGGCGCAAGGCAATGTGTATCATCTTAAGTGTTTTACATGCTCTAC  
CTGCCGGAATCGCCTGGTCCCGGAGATCGGTTTCACTACATCAATGGCAGTTTATTTGTGAACATGAT  
AGACCTACAGCTCTCATCAATGGCCATTTGAATTCACCTCAGAGCAATCCACTACTGCCAGACCAGAAGG  
TCTGCTAA
```



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006769 unedited ACCATTTTGTAAATACGACTCACTTATAGGGCGGCCGGAATCGGCACGAGGCGCGATTTA AAAAAAAAAAAAAAAAAAGCCGCCCTTAGCCCCCTCCTCCCTTTCTGCTTCTGCGAGA CCCTCCCTCCCTCCAGCTCCGCCAGCCAGGCCCCCTTCCCTGGAAGCCGAGCGGCTTC GCTCGCATTTACCGCCGCCCTCTCGCAATATTGCAATATAGGGGAAAAGCAGACCAT GGGGAATCCGGGCAGCAGCTCGCAGCCGCCCGGTGACGGCCGGCTCCCTCTCCTGGAA GCGGTGCGCAGGCTGCGGGGCAAGATTGCGGACCGCTTTCTGCTCTATGCCATGGACAG CTATTGGCACAGCCGGTGCCTCAAGTGCTCCTGCTGCCAGGCGCAGCTGGGCGACATCGG CACGCTCTGTTACACCAAAGTGGCATGATCCTTTGCAGAAATGACTACATTAGTTATT TGGAAATAGCGGTGCTTGCAGCGCTTGCAGGACAGTCGATTCTGCGAGTGAACCTGTCAT GAGGGCGCAAGGCAATGTGTATCATCTTAAGTGTTTTACATGCTCTACCTGCCGAATCG CCTGGTCCCGGAGATCGGTTTCACTACATCAATGGCAGTTTATTTTGTGAACATGATAG ACCTACAGCTCTCATCAATGGCCATTTGAATTCACCTTCAGAGCAATCCACTACTGCCAGA CCAGAAGGTCTGCTAAAAGGTGAGAGTAATGCAGAATGCGTGCCTTCATCTCAGATTTGT TCATCACAGGTGGATCCCNATGTGTCTCAGTAGACAAGTACCTTTGTAGCTAGCACCAG TGCCAGCTCCATGCCATTGCACCTNCTTTNAGTCTGGATGCCCTTCCGATTNATTGGT GGTATAAAATGACTGGGATATGACATTNAGNACTCCATGAACCTGNGCTAATGGGAGAC TGTAN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006769
<b>Insert Size:</b>	1470 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>	<a href="#">NM_006769.2</a> , <a href="#">NP_006760.1</a>
<b>RefSeq Size:</b>	2126 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	8543
<b>UniProt ID:</b>	<a href="#">P61968</a>
<b>Cytogenetics:</b>	1p22.3
<b>Domains:</b>	LIM

**Protein Families:** Transcription Factors

**Gene Summary:** This gene encodes a cysteine-rich protein that contains two LIM domains but lacks a DNA-binding homeodomain. The encoded protein may play a role as a transcriptional regulator or as an oncogene. [provided by RefSeq, Aug 2008]