

## Product datasheet for MC207317

### Lmo4 (NM\_010723) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lmo4 (NM_010723) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lmo4
Synonyms:	A730077C12Rik; Crp3; Etohi4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207317 representing NM_010723 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGTGAATCCGGGCAGCAGCTCGCAGCCGCCCGGTGACGGCCGGCTCCCTCTCTGGAAGCGCTGCC  
CAGGCTGCGGGGCAAGATCGCGGACCGCTTTCTGCTCTATGCCATGGACAGCTACTGGCATAGCCGCTG  
CCTCAAGTGCTCCTGCTGCCAGGCGCAGCTGGGCGACATTGGCAGTCTGTTACACCAAGAGCGGCATG  
ATCCTTTGCAGAAATGACTACATTAGGTTATTTGGGAATAGCGGTGCTTGCAAGTCTGTGGACAGTCGA  
TTCTGCAAGTGAGCTCGTCATGAGGGCCAAGGCAACGTGTATCATCTCAAGTGTTCACATGTTCTAC  
CTGCCGAATCGCCTGGTCCC GGAGATCGGTTTCACTACATCAATGGCAGTTTATTTTGTGAACATGAT  
AGACCCACAGCCCTCATCAATGGCCATTTGAATCACTTCAGAGCAATCCACTACTGCCAGACCAGAAGG  
TCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_010723
Insert Size:	498 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>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_010723.3, NP_034853.1</u>
<b>RefSeq Size:</b>	1704 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	16911
<b>UniProt ID:</b>	<u>P61969</u>
<b>Cytogenetics:</b>	3 68.61 cM
<b>Gene Summary:</b>	Probable transcriptional factor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.