

## Product datasheet for MC225751

### Lyrm1 (NM\_001285961) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lyrm1 (NM_001285961) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lyrm1
Synonyms:	1110065L10Rik; 2310004B22Rik; 4930404J24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225751 representing NM_001285961 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACAGCAGCAACCCGACAAGAAGTCCTCTGCCTCTACCGAAGCATTTTCAGGCTTGCACGAAATGGC  
AGGCAGCATCAGGGCAGATGGAAGACACCATCGAAGAAAAACAGTACATACTAAAGGAAGCCAGAACACT  
GTTCCAGAAAAACAAAAATCTCACAGCCAGAGCTGATTAACAATGCATAGTTGAATGCACGGCCCGG  
ATTGAGATTGGACTGCATTACCAGATCCCTTATCCACGCCCTATCCATCTGCCTCCAATGGGTCTCACCG  
CACGACGAGGTCGGGGACTTCAAACCCAGGAAAACTGAGAAAACTTTCAAACCCAGTGTATCTGAAGTC  
TCATGATGAAGTTTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001285961
Insert Size:	369 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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_001285961.2, NP_001272890.1</u>
<b>RefSeq Size:</b>	1096 bp
<b>RefSeq ORF:</b>	369 bp
<b>Locus ID:</b>	73919
<b>UniProt ID:</b>	<u>Q9CQB7</u>
<b>Cytogenetics:</b>	7 F2
<b>Gene Summary:</b>	May promote cell proliferation and inhibition of apoptosis of preadipocytes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, and 4 all encode the same protein.