

## Product datasheet for MC211652

### Lyrm7 (NM\_029327) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lyrm7 (NM_029327) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lyrm7
Synonyms:	1700024C24Rik; 9330147L21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211652 representing NM_029327 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGGTCAGCCCGCCAAGGTTTTACAGCTCTTTAAACACTGCACAGGACCAGACAGCAAGTTTTTAA  
 ATGATAAGAGAGCATTGGAAGCAGCCAGAGTAAAGATAAATGAAGAATTCAAAAACATAAAACGAGAC  
 ATCTCCAGAGAAAATAAAGAGATGATGAACTAGGTTCTGATGTGAATTATTGCTCAGAACAGCTGTT  
 ATCAAGGAATTCACACAGACCATGACACACTGCAACTGGTCCCCAGAAAGATCTTCTCAGAAAAATG  
 TGCCGTACTGTGATGCGCCAACCCAGAAGCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_029327
Insert Size:	315 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).

**Components:** 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).


[View online »](#)

<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u>NM_029327.3, NP_083603.2</u>
<b>RefSeq Size:</b>	2180 bp
<b>RefSeq ORF:</b>	315 bp
<b>Locus ID:</b>	75530
<b>UniProt ID:</b>	<u>Q9DA03</u>
<b>Cytogenetics:</b>	11 B1.3
<b>Gene Summary:</b>	Assembly factor required for Rieske Fe-S protein UQCRFS1 incorporation into the cytochrome b-c1 (CIII) complex. Functions as a chaperone, binding to this subunit within the mitochondrial matrix and stabilizing it prior to its translocation and insertion into the late CIII dimeric intermediate within the mitochondrial inner membrane (By similarity).[UniProtKB/Swiss-Prot Function]