

Product datasheet for MC212197

Lrrc39 (NM_027321) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrc39 (NM_027321) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrrc39
Synonyms: 2010005E21Rik; 9430028I06Rik; Myomasp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212197 representing NM_027321
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACAGAAAGTGC GGTTTGTACCGGGGCCGTCAGTGCTGTAAGGAAGTCTGGGAAGAAAGAATAAAGA
 AACACCATGAAGACGTGAAGCGGGAGAAGGAATTCAGCATAAGCTAGTGC GGATCTGGGAAGACCGAGT
 AAGTTTAACTAAGCTGAAAGAGAAGGTGACCAGGAAGATGGAAGAGTCATTTTAAAGGATAGAGAAAGAA
 GAATGGAAGACTCTCCCTTCTTCTTACTGAAACTGAATCAGCTACAGGAATGGCAACTCACAGGACCG
 GATTGTTGAAGATTCTGAATTCATTGGAAGATTCCAGCATCTCATTGTGCTAGATTTATCTCGGAACAC
 AATTTTCAGAGATCCCCGAGGGATTGGACTGCTCACTAGACTTCAGGAAGTATTCTTAGCTACAACAAA
 ATCAAGACTGTCCCAAAGAAGTGAAGCAACTGTACCAGCTTGGAGAAGCTAGAACTGGCTGTGAACAGAG
 ATATAAGTGACCTCCACCAGAGGTCAGAAAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027321
Insert Size: 528 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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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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_027321.3, NP_081597.1</u>
RefSeq Size:	2880 bp
RefSeq ORF:	528 bp
Locus ID:	109245
Cytogenetics:	3 G1
Gene Summary:	<p>Component of the sarcomeric M-band which plays a role in myocyte response to biomechanical stress. May regulate expression of other M-band proteins via an SRF-dependent pathway. Important for normal contractile function in heart.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 3' UTR and coding sequence compared to variant 2. The resulting isoform (1) has a shorter and distinct C-terminus compared to isoform 2.</p>