

Product datasheet for **SC330408**

LRRC39 (NM_001256386) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LRRC39 (NM_001256386) Human Untagged Clone
Tag: Tag Free
Symbol: LRRC39
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330408 representing NM_001256386.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACAGAAAATGTGGTTTGTACTGGGGCTGTCAATGCTGTAAGGAAAGTTTGGGAAAAAGAATAAAG
AAACTCAATGAAGACCTGAAGCGAGAGAAGGAATTTCAACACAAGCTAGTGCGGATCTGGGAAGAACGA
GTAAGCTTAACCAAGCTAAGAGAAAAGGTCACCAGGGAAGATGGAAGAGTCATTTTGAAGATAGAAAAA
GAGGAATGGAAGACCCTCCCTTCTCTGTGCTGAAACTGAATCAACTACAGGAATGGCAACTTCATAGA
ACTGGTTTGTGAAAATTCCTGAATTCATTGGAAGATTCAGAACCTCATTGTGTAGATTTATCTCGA
AACAAAATTCAGAGATACCACCAGGATTGGACTGCTTACTAGACTTCAGGAAGTATTCTCAGCTAC
AACAAAATCAAGACTGTCCCAAGGAAGTAAGTAATTGTGCCAGCTTGGAGAACTAGAAGTGGCTGTT
AACAGAGATATATGTGATCTTCCACAAGAGCTCAGCAATCTGCTAAAAGTACTCACCTTGTGAGT
ATGAACGATTTTACTACAATCCCTCTTGTGTGTTGAACATGCCTGCCCTTGAAGTGGCTGGACATGGGA
AGCAACAAAAGTGAACAAGTCTGATACTATAGAAAAGTGAACAATCTACATACGTTATGGCTGCAA
CGAAATGAAATAACATGCTTGCCTCAAACAATCAGCAATATGAAAATCTGGGTACTCTTGTCTCAGC
AACATAAACTGCAAGATATTCCAGTATGCATGGAAGAAATGGCAAACTGAGGTTTGTCAACTTCAGA
GACAACCCACTGAAATTGAAAGTATCATTCTCCAGTGAAGGCACAGATGAAGAAGAGGAACGGGAA
TTATTTGGCTTCAGTTTATGCACACATACATAAAGAGTCACGGAGAAGAGCAGATCACCAAGTCAAC
GGTCAACTACTTTACCAATCTCCATAAATACGGATGGA TAA
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Restriction Sites: SgfI-MluI
ACCN: NM_001256386
Insert Size: 1008 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).



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Reconstitution Method:

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: [NM_001256386.1](#)

RefSeq Size: 1882 bp

RefSeq ORF: 1008 bp

Locus ID: 127495

UniProt ID: [Q96DD0](#)

Cytogenetics: 1p21.2

Protein Families: Druggable Genome

MW: 38.8 kDa

Gene Summary: 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]

Transcript Variant: This variant (2) lacks an alternate exon in the 3' coding region which results in the use of a different stop codon, compared to variant 1. The resulting protein (isoform 2) has a distinct and shorter C-terminus compared to isoform 1. Variants 2, 3, and 4 encode the same protein.