

Product datasheet for **SC330409**

LRRC39 (NM_001256387) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LRRC39 (NM_001256387) Human Untagged Clone
Tag: Tag Free
Symbol: LRRC39
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330409 representing NM_001256387.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

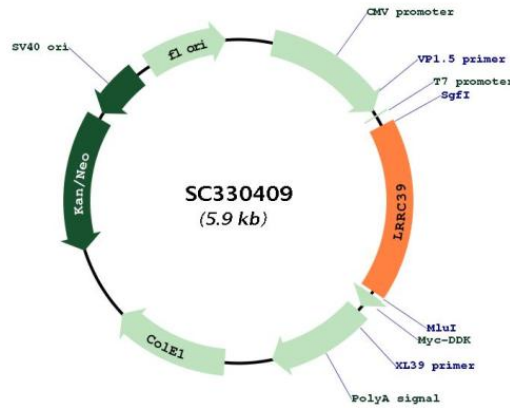
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GAGGAATGGAAGACCCCTCCCTTCTCTGTGCTGAAACTGAATCAACTACAGGAATGGCAACTTCATAGA
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GACAACCCACTGAAATTGAAAGTATCATTCTCCAGTGAAGGCACAGATGAAGAAGAGGAACGGGAA
TTATTTGGCCTTCAGTTTATGCACACATACATAAAGAGTCACGGAGAAGAGCAGATCACCAAGTCAAC
GGTCAACTACTTTACCAATCTCCATAAATACGGATGGA TAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001256387

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).

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:	<u>NM_001256387.1</u>
RefSeq Size:	1825 bp
RefSeq ORF:	1008 bp
Locus ID:	127495
UniProt ID:	<u>Q96DD0</u>
Cytogenetics:	1p21.2
Protein Families:	Druggable Genome
MW:	38.8 kDa
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 (4) has multiple differences, 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.</p>