

Product datasheet for MC212206

Sri (NM_025618) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sri (NM_025618) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sri
Synonyms: 2210417O06Rik; 2900070H08Rik; Sor
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212206 representing NM_025618
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCAGTATGGTGGGCTCCCGGAGGGCTGCGTTCCTGGACAACTCAGGATCCGCTATATGGTACT
TTGCTGCTGTGGCTGGACAGGACGGACAAATTGATGCTGACGAATTCAGAGATGCCTAACACAGCTCG
CATTGCGGGAGGATACAAGCCTTTAACCTGGAGACTTGTGCGCTTATGGTTTCAATGTTGGATAGAGAT
ATGTCCGGCACGATGGGGTTCAATGAATTCAAAGAGCTCTGGGCTGTGCTGAATGGCTGGAGACAACACT
TCATCAGTTTCGATAGCGATAGGAGTGGCACCGTGGATCCCCAGGAGCTACAGAAGGCCCTGACGACTAT
GGGATTCAGGTTGAGCCCCAACTGTGAATTCAGTTGCAAAGCGATACAGCACCAGCGGGAAGATCACG
TTTGATGACTACATTGCCTGCTGTGTCAACTGAGGGCTCTCACAGATAGCTTTCGAGACGGGATTCGG
GTCAACAAGGAGTTGTGAATTTCTCGTATGATGATTTTCATCCAGTGTGTCATGACCGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025618
Insert Size: 552 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:	NM_025618.3 , NP_079894.2
RefSeq Size:	2439 bp
RefSeq ORF:	552 bp
Locus ID:	109552
UniProt ID:	Q6P069
Cytogenetics:	5 3.38 cM
Gene Summary:	<p>Calcium-binding protein that modulates excitation-contraction coupling in the heart. Contributes to calcium homeostasis in the heart sarcoplasmic reticulum. Modulates the activity of RYR2 calcium channels.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and the 5' coding region, compared to variant 1. It encodes isoform 2, which has a shorter and distinct N-terminus, compared to isoform 1.</p>