

Product datasheet for **MG201972**

Sri (BC065790) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sri (BC065790) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Sri
Synonyms: 2210417O06Rik; 2900070H08Rik; Sor
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201972 representing BC065790
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTATCCCGGGCACCCCTGGCGGGCGGAGGGTACTACCCAGGCGGGTATGGTGGGGCTCCCGGAG
 GGCCTGCGTTCCTGGACAAACTCAGGATCCGCTATATGGTTACTTTGCTGCTGTGGCTGGACAGGACGG
 ACAAAATGATGCTGACGAATTGCAGAGATGCCTAACACAGTCTGGCATTGCGGGAGGATACAAGCCTTTT
 AACCTGGAGACTTGTGCGCTTATGGTTTCAATGTTGGATAGAGATATGTCGGCAGGATGGGGTTCAATG
 AATTCAAAGAGCTCTGGGCTGTGCTGAATGGCTGGAGACAACACTTCATCAGTTTCGATAGCGATAGGAG
 TGGCACCGTGGATCCCCAGGAGCTACAGAAGGCCCTGACGACTATGGGATTCAGGTTGAGCCCCAAACT
 GTGAATTCAGTTGCAAAGCGATACAGCACCAGCGGGAAGATCACGTTTGATGACTACATTGCCTGCTGTG
 TCAAACAGGGGCTCTCACAGATAGCTTTCGACAGCGGGATTCGGGTCAACAAGGAGTTGTGAATTTCTC
 GTATGATGATTTTCATCCAGTGTGTCATGACCGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201972 representing BC065790
 Red=Cloning site Green=Tags(s)

MAYPGHPGAGGGYYPGGYGGAPGGPAFPGQTQDPLYGYFAAVAGQDQGQIDADELQRCLTQSGIAGGYKPF
 NLETCRLMVSMLDRMSGTGMGFNEFKELWAVLNGWRQHFISFSDRSRGTVPQELQKALTTMGFRLSPQT
 VNSVAKRYSTSGKITFDDYIACCVKLRALTDSFRRRDSGQGVVNF SYDDFIQCVMTV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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: [BC065790](#), [AAH65790](#)

RefSeq Size: 852 bp

RefSeq ORF: 596 bp

Locus ID: 109552

Cytogenetics: 5 3.38 cM

Gene Summary: 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]