

Product datasheet for SC319262

JSRP1 (NM_144616) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: JSRP1 (NM_144616) Human Untagged Clone
Tag: Tag Free
Symbol: JSRP1
Synonyms: JP-45; JP45
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_144616.2
 GCGCGCCTGGCCCGGACCTGCTGCTCCAGCCATGTCCATGACAACCAGAGCCTGGG
 AGGAGCTGGATGGCGGCCTGGGACGCTGCCAGGCCCTGGAGGACCACTCTGCGCTGGCCG
 AGACCCAGGAGGACAGGGCTTCAGCGACACCCAGGCTGGCCGACTCCGGCAGCGTCCCGC
 ACGACTCTCAGGTGGCTGAAGGCCCCAGTGTGGACACCAGGCCCAAGAAGATGGAAGAAAG
 AGCCTGCCGCCAGGGGACCCAGGAACGGGAAGGAGAGGCTGAAAGCCGGAGCGAGCC
 CTCGGAGCGTCCCGCGCGCAAGAAGGCGCAGACCAGCGCCCGCCCTGCAGCCGCCCGCGC
 CGCCCCGGCCCTGAGCGAGGAGCTGCCCTGGGGAGACCTGTGCTCAACAAGTGCCTGG
 TGCTCGCCTCGCTGGTGGCGCTGCTGGGCTCGGCTTCCAGCTGTGCCGCGACGCCGTCC
 CTGGGGAGGCAGCACTCCAAGCACGTGTGCCCGAGCCCTGGGTCCCGCCAAGCTCAGCCC
 CGAGGGAGCCATCGTCGCCCTGCCTAAGTTCGAGGCCAGGCGCCTCCATCAGCGCCGC
 CTGCGCCCGGGCCGAGGCAAGGTCAGACCCAAGATTCCCGGGAGTCGGGAGGCTGCAG
 AGAACGACGAAGAGGAGCCCGGCGAGGCCACCGGAGAGGCCGTCCGGGAGGACCGTGTGA
 CCCTCGCAGACCGGGGACCCAAGGAGAGGCCCTCGGAGAGAGGGGAAGCCGCGGAAGGAGA
 AGCCGCGGAAGGAGGAGAGACCTAAGAAAGAGAGGCCCGCGAAAGGAGAGGCCACGGG
 CCGCCAGGGAGCCCCGGGAAGCCCTACCCAGCGCTGGGAGTCACGCGAAGGGGGCCACC
 GGCCGTGGGCACGGGACTCCAGGGACGCCGAGCCAGGAAGAAGCAGGCCTGGGTGTCCC
 CGAGGCGTCCCGACGAGGAGCAGCGGCTGGGAGTCGCCAGAAGCTCCGCGCAGGCAAGG
 GGCGGACTGAGCCGGCCCCCGCGGAGTCCAGGGGCCCTTCTGGACGCCCGCGGACT
 CTGGCGAAATAAAGCGAGTGTGCTGCGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_144616



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_144616.2</u> , <u>NP_653217.1</u>
RefSeq Size:	1173 bp
RefSeq ORF:	996 bp
Locus ID:	126306
UniProt ID:	<u>Q96MG2</u>
Cytogenetics:	19p13.3
Gene Summary:	The protein encoded by this gene is involved in excitation-contraction coupling at the sarcoplasmic reticulum. The encoded protein can interact with CACNA1S, CACNB1, and calsequestrin to help regulate calcium influx and efflux in skeletal muscle. [provided by RefSeq, Jul 2012]