Recombinant Human JSRP1, His-tagged

Cat. No. JSRP1-2339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human JSRP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	354aa
Description	JSRP1 is involved in excitation-contraction coupling at the sarcoplasmic reticulum. The protein can interact with CACNA1S, CACNB1, and calsequestrin to help regulate calcium influx and efflux in skeletal muscle.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Molecular Mass	38 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSMTTRA WEELDGGLGS CQALEDHSAL AETQEDRASA TPRLADSGSV PHDSQVAEGP SVDTRPKKMEKEPAARGTPG TGKERLKAGA SPRSVPARKK AQTAPPLQPP PPPPALSEEL PWGDLSLNKC LVLASLVALL GSAFQLCRDA VPGEAALQAR VPEPWVPPSS APREPSSPLP KFEAQAPPSA PPAPRAEAEV RPKIPGSREA AENDEEEPGE ATGEAVREDR VTLADRGPKE RPRREGKPRKEKPRKEERPK KERPRKEERP RAAREPREAL PQRWESREGG HRPWARDSRD AEPRKKQAWV SPRRPDEEQR PGSRQKLRAG KGRD

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	JSRP1 junctional sarcoplasmic reticulum protein 1 [Homo sapiens]
Official Symbol	JSRP1
Synonyms	JP45; JP-45; junctional sarcoplasmic reticulum protein 1; 24963; Ensembl:ENSG00000167476; FLJ32416; junctional sarcoplasmic reticulum protein 1;2310032K21Rik;junctional-face membrane protein of 45 kDa homolog;skeletal muscle sarcoplasmic reticulum protein JP-45;homolog of mouse skeletal muscle sarcoplasmic reticulum protein JP-45;
Gene ID	126306
mRNA Refseq	NM_144616.3
Protein Refseq	NP_653217.1
MIM	608743
UniProt ID	Q96MG2

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Chromosome Location	19p13.3

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