

AR51163PU-N**Human JSRP1 (1-331, His-tag) - Purified**

Alternate names:	FLJ32416, JP45, Junctional sarcoplasmic reticulum protein 1, Junctional-face membrane protein of 45 kDa homolog
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q96MG2
NCBI:	NP_653217
GeneID:	126306
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.
Description:	Recombinant human JSRP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMSMTTRA WEELDGGLGS CQALDHSAL AETQEDRASA TPRLADSGSV PHDSQVAEGP SVDTRPKKME KEPARGTPG TGKERLKAGA SPRSVARKK AQTAPPLQPP PPPALSEEL PWGDLSLNKC LVLASLVALL GSAFQLCRDA VPGEAALQAR VPEPWVPPSS APREPSSPLP KFEEAAPPSSA PPAPRAEAEV RPKIPGSREA AENDEEPEGE ATGEAVREDR VTLADRGPKR RPRREGKPRK EKPRKEERP KPRKEERP RAAREPREAL PQRWESREGG HRPWARDSRD AEPRKKQAVV SPRRPDEEQR PGSRQKLRAG KGRD Molecular weight: 38 kDa (354aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yasuda T, Delbono O, et al. (2013). Hum Mutat. 34(1):184-90.

Pictures:

