

Junctional Sarcoplasmic Reticulum Protein 1 Human Recombinant

Item Number	rAP-4040
Synonyms	Junctional Sarcoplasmic Reticulum Protein 1, Homolog of Mouse Skeletal Muscle Sarcoplasmic Reticulum Protein JP-45, Junctional-Face Membrane Protein Of 45 KDa Homolog, JP45, 2310032K21Rik, Skeletal Muscle Sarcoplasmic Reticulum Protein JP-45.
Description	JSRP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 354 amino acids (1-331) and having a molecular mass of 38.0kDa.JSRP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q96MG2
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMSMTTRA WEELDGGLGS CQALDHSAL AETQEDRASA TPR-LADSGSV PHDSQVAEGP SVDTRPKKME KEPAARGTPG TGKERLKAGA SPRSVPARKK AQTAPPLQPP PPPALSEEL PWGDLSLNKC LVLASLVALL GSAFQLCRDA VPGEAALQAR VPEPWVPPSS APREPSSPLP KFEAQAPPSA PPAPRAEAEV RPKIPGSREA AENDEEEPEGE ATGEAVREDR VTLADRGPK E RPRREGKPRK EKPRKEERP KERPRKEERP RAAREPREAL PQRWESREGG HRPWARDSDR AEPKQAWV SPRRPDEEQR PGRQKLRAG KGRD
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The JSRP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**