
Product Data Sheet

Product Name: JSRP1 Human
 Cat. No.: GP23728
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSMTTRA WEELDGGGLGS CQALEDHSAL AETQEDRASA TPRLADSGSV PHDSQVAEGP SVDTRPKKME KEPAARGTPG TGKERLKAGA SPRSVPARKK AQTAPPLQPP PPPPALSEEL PWGDLSLNKC LVLASLVALL GSAFQLCRDA VPGEAALQAR VPEPWVPPSS APREPSSPLP KFEAQAPPSA PPAPRAEAEV RPKIPGSREA AENDEEPEGE ATGEAVREDR VTLADRGPKE RPRREGKPRK EKPRKEERP KERPRKEERP RAAREPREAL PQRWESREGG HRPWARDSRD AEPRKKQAWV SPRRPDEEQR PGSRQKLRAG KGRD		
Formulation	The JSRP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl and 10% glycerol.		

Introduction

JSRP1 takes part in excitation-contraction connection at the sarcoplasmic reticulum. JSRP1 is able to cooperate with CACNA1S, CACNB1 and calsequestrin to assist in regulating calcium influx and efflux in skeletal muscle.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA