9051 Mira Mesa Blvd, #910094
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JSRP1 Human

Junctional Sarcoplasmic Reticulum Protein 1 Human Recombinant
RCP1148

Product Overview

Name	JSRP1 Human

Description

Junctional Sarcoplasmic Reticulum Protein 1 Human Recombinant

Accession (Primary)	Q96MG2

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.

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The JSRP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl and 10% glycerol.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MSMTTRA WEELDGGLGS CQALEDHSAL AETQEDRASA TPRLADSGSV PHDSQVAEGP SVDTRPKKME KEPAARGTPG TGKERLKAGA SPRSVPARKK AQTAPPLQPP PPPPALSEEL PWGDLSLNKC LVLASLVALL GSAFQLCRDA VPGEAALQAR VPEPWVPPSS APREPSSPLP KFEAQAPPSA PPAPRAEAEV RPKIPGSREA AENDEEEPGE ATGEAVREDR VTLADRGPKE RPRREGKPRK EKPRKEERPK KERPRKEERP RAAREPREAL PQRWESREGG HRPWARDSRD AEPRKKQAWV SPRRPDEEQR PGSRQKLRAG

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KGRD

Precautions

JSRP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96MG2)