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JSRP1, 1-331aa, Human, His tag, E.coli

产品货号: TP02711

第三版

别名:Junctional sarcoplasmic reticulum protein 1, JP-45, JP45

描述: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. Recombinant human JSRP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.

分子量:38 kDa (354aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMSTTRAWHEELDGGLGSCQALEDHSALAETQEDRASATPRLADSGSVPHDSQVAE
GPSVDTRPKKMEKEPAARGTPGTGKERLKAGASPRSVPAKKAQTAPPLQPPPPPPALSEELPWGDLNKLVLASLVALL
GSAFQLCRDAVPGEAALQARVPEPWVPPSSAPREPSSPLPKFEAQAPPSAPPAPRAEAEVRPKIPGSREAAENDEEPEGEATG
EAVREDRVTLADRGPKERPRREGKPRKEKPRKEERPKKERPRKEERPRAAREPREALPQRWESREGGHRPWARDSDAEP
RKKQAWVSPRRPDEEQRPGRQKLRAGKGRD

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.