

Recombinant Human JSRP1 Protein, GST-tagged

Cat. No. JSRP1-4304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ32416 partial ORF (NP_653217.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The sarcoplasmic reticulum (SR) is an intracellular membrane compartment that controls intracellular calcium concentration and therefore plays a role in excitation-contraction coupling. In mouse skeletal muscle, Jp45 interacts with key proteins involved in excitation-contraction coupling at the SR (Anderson et al., 2003 [PubMed 12871958]).[supplied by OMIM]
Molecular Mass	36.74 kDa
AA Sequence	MSMTTRAWEELDGGGLGSCQALEDHSALETQEDRASATPRLADSGSVPHDSQVAE GPSVDTRPKKMEKEPAARGTPGTGKERLKAGASPRSPARKKAQT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name JSRP1 junctional sarcoplasmic reticulum protein 1 [Homo sapiens (human)]

Official Symbol JSRP1

Synonyms JSRP1; junctional sarcoplasmic reticulum protein 1; JP45; JP-45; junctional sarcoplasmic reticulum protein 1; 2310032K21Rik; homolog of mouse skeletal muscle sarcoplasmic reticulum protein JP-45; junctional-face membrane protein of 45 kDa homolog; skeletal muscle sarcoplasmic reticulum protein JP-45

Gene ID 126306

mRNA Refseq NM_144616

Protein Refseq NP_653217

MIM 608743

UniProt ID Q96MG2

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