Recombinant Human RYR3 Protein (3934-4181 aa), His-tagged

Cat. No. RYR3-790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RYR3 Protein (3934-4181 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	3934-4181 aa
Description	Calcium channel that mediates the release of Ca2+ from the sarcoplasmic reticulum into the cytoplasm in muscle and thereby plays a role in triggering muscle contraction. May regulate Ca2+ release by other calcium channels. Calcium channel that mediates Ca2+-induced Ca2+ release from the endoplasmic reticulum in non-muscle cells. Contributes to cellular calcium ion homeostasis . Plays a role in cellular calcium signaling.1 Publication.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	32.5 kDa
AA Sequence	DGKGIISKKEFQKAMEGQKQYTQSEIDFLLSCAEADENDMFNYVDFVDRFHEPAKDI GFNVAVLLTNLSEHMPNDSRLKCLLDPAESVLNYFEPYLGRIEIMGGAKKIERVYFEI SESSRTQWEKPQVKESKRQFIFDVVNEGGEQEKMELFVNFCEDTIFEMQLASQISE SDSADRPEEEEEDEDSSYVLEIAGEEEEDGSLEPASAFAMACASVKRNVTDFLKRA

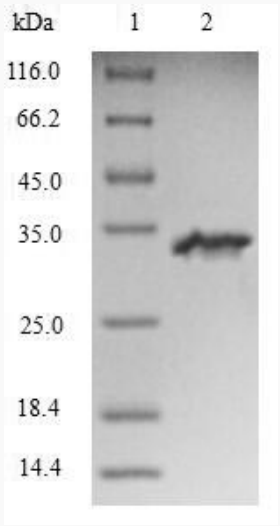
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Email: info@creative-biomart.com Fax: 1-631-938-8127
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	TLKNLRKQYRNVKKMTAKELV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	RYR3 ryanodine receptor 3 [Homo sapiens]
Official Symbol	RYR3
Synonyms	RYR3; ryanodine receptor 3; RYR-3;
Gene ID	6263
mRNA Refseq	NM_001036
Protein Refseq	NP_001027
MIM	180903
UniProt ID	Q15413

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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