

Ryanodine Receptor 1, Skeletal (RYR1) Recombinant Protein | RYR1 recombinant protein

Recombinant Ryanodine Receptor 1, Skeletal (RYR1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148329	E Coli	Human	Western Blot, SDS-Page

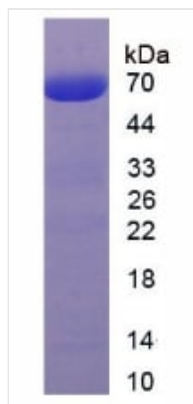
PRODUCT SYNONYMS

Ryanodine Receptor 1; Skeletal (RYR1); Recombinant Ryanodine Receptor 1; CCO; MHS; MHS1; RYDR; RYR; SKRR; Central Core Disease Of Muscle; Skeletal muscle calcium release channel; RYR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	5038
Applicable Applications for RYR1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	His97~Cys392
Subcellular Location	Membrane
Isoelectric Point	7.4

IMAGES



Sequence

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HRTL
LYGHAILLRH AHSRMYLSCL TTSRMTDKL AFDVGLQEDA TGEACWNTMH
PASKQRSEGE KVRVGDDIIL VSVSSERYLH LSTASGELQV DASFMQTLWN
MNPICSRCEE GFVTGGHVLRL LFHGHMDECL TISPADSDDQ RRLVYYEGGA
VCTHARSLWR LEPLRISWSG SHLRWGQPLR VRHVTGQYL ALTEDQGLVV
VDASKAHTKA TSFCFRISKE KLDVAPKRDV EGMGPPEIKY GESLCFVQHV
ASGLWLTAA PDPKALRLGV LKKKAHLHQE GHMDALSILT RC

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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for RYR1 recombinant protein	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113204615
NCBI GeneID	6261
NCBI Accession #	NP_000531.2
NCBI GenBank Nucleotide #	NM_000540.2
UniProt Accession #	P21817; Q16314; Q16368; Q9NPK1; Q9P1U4
Molecular Weight	Predicted Molecular Weight: 63.2kDa Accurate Molecular Weight: 63kDa
NCBI Official Full Name	ryanodine receptor 1 isoform 1
NCBI Official Synonym Full Names	ryanodine receptor 1
NCBI Official Symbol	RYR1
NCBI Official Synonym Symbols	CCO; MHS; RYR; MHS1; RYDR; SKRR; RYR-1; PPP1R137
NCBI Protein Information	ryanodine receptor 1
UniProt Protein Name	Ryanodine receptor 1
UniProt Gene Name	RYR1
UniProt Synonym Gene Names	RYDR; RYR-1; RyR1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ryr1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/148329>