

Sarcoplasmic reticulum histidine-rich calcium-binding protein (HRC) Recombinant Protein

| HRC recombinant protein

Recombinant Human Sarcoplasmic reticulum histidine-rich calcium-binding protein (HRC)

CATALOG # AAA81721	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Sarcoplasmic reticulum histidine-rich calcium-binding protein (HRC); Recombinant Human Sarcoplasmic reticulum histidine-rich calcium-binding protein (HRC); HRC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-699, Full length protein
Sequence	QLRGDGLGFR NRRNSTGVAG LSEEASAE LR HHLHSPRDHP DENKDVSTEN GHFWSHPD R EKEDEDVSKE YGHLLPGHRS QDHKVGDEGV SGEEVFAEHG GQARGHRGHG SEDTEDSAEH RHHLPSHRSH SHQDEDEDEV VSSEHHHHIL RHGHRGHDGE DDEGE EEEEE EEEEEASTE YGHQAHRHRG HGSEEDEDVS DGHHHHGPSH RHQGHEEDDD DDDDDDDDDDD DDDVSIEYRH QAHRHQGHGI EEDEDVSDGH HHRDPSHRHR SHEEDDND DD DVSTEYGHQA HRHQDHRKEE VEA VSGEHHH HVPDHRHQGH RDEEDEDVS TERWHQGPQH VHHGLVDEEE EEEEEITVQFG HYVASHQPRG HKSDEEDFQD EYKTEVPHHH HHRVPREDE EVSAELGHQA PSHRQSHQDE ETGHGQRGSI KEMSHHPPGH TVVKDRSHLR KDDSEEEKEK EEDPGSHEED DESSEQGEKG THGSRDQED EEEEEEGHGL SLNQEEEEEE DKEEEEEEEED EERREERA EV GAPLSPDHSE EEEEEEEGLE EDEPRFTIIP NPLDRREEAG GASSEESGE DTGPQDAQEY GNYQPGSLCG YCSFCNRCTE CESCHCDEEN MGEHCDQCQH CQFCYLCPLV CETVCAPGSY VDYFSSSLYQ ALADMLETPE P
Sequence Length	671
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for HRC recombinant protein	This gene encodes a luminal sarcoplasmic reticulum protein identified by its ability to bind low-density lipoprotein with high affinity. The protein interacts with the cytoplasmic domain of triadin, the main transmembrane protein of the junctional sarcoplasmic reticulum (SR) of skeletal muscle. The protein functions in the regulation of releasable calcium into the SR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504487
NCBI GeneID	3270
NCBI Accession #	NP_002143.1
NCBI GenBank Nucleotide #	NM_002152.2
UniProt Accession #	P23327 ; Q504Y6

Molecular Weight	80,244 Da
NCBI Official Full Name	sarcoplasmic reticulum histidine-rich calcium-binding protein
NCBI Official Synonym Full Names	histidine rich calcium binding protein
NCBI Official Symbol	HRC
NCBI Protein Information	sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Protein Name	Sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Gene Name	HRC
UniProt Synonym Gene Names	HCP

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/hrc-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81721>