

Recombinant Rat Hrc Protein, His-tagged

Cat. No. Hrc-1635R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hrc Protein (Ala671-Pro755) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala671-Pro755
Description	Predicted to enable ATPase binding activity; calcium ion binding activity; and transmembrane transporter binding activity. Involved in negative regulation of calcium ion import into sarcoplasmic reticulum and negative regulation of cytosolic calcium ion concentration. Predicted to be located in Z disc and sarcoplasmic reticulum membrane. Orthologous to human HRC (histidine rich calcium binding protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.3 kDa Accurate Molecular Mass: 13 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Hrc histidine rich calcium binding protein [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hrc

Synonyms

HRC; histidine rich calcium binding protein; sarcoplasmic reticulum histidine-rich calcium-binding protein;

Gene ID

292905

mRNA Refseq

NM_181369

Protein Refseq

NP_852034

UniProt ID

Q80W59

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