

Recombinant Mouse Hrc Protein, His-tagged

Cat. No. Hrc-1634M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hrc Protein (Gln655-Pro738) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln655-Pro738
Description	Predicted to enable ATPase binding activity; calcium ion binding activity; and transmembrane transporter binding activity. Acts upstream of or within calcium ion homeostasis and regulation of heart contraction. Located in sarcoplasmic reticulum membrane. Is expressed in embryo; heart; and skeletal muscle. 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 [*Mus musculus* (house mouse)]

Official Symbol

Hrc

Synonyms

HRC; histidine rich calcium binding protein;

Gene ID

15464

mRNA Refseq

NM_010473

Protein Refseq

NP_034603

UniProt ID

Q9WVE4

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