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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