

Recombinant Mouse Hrg Protein, His-tagged

Cat. No. Hrg-967M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hrg Protein (Leu19-Lys525) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Leu19-Lys525
Description	Enables serine-type endopeptidase inhibitor activity. Involved in several processes, including negative regulation of blood vessel endothelial cell migration; positive regulation of blood vessel remodeling; and positive regulation of immune response to tumor cell. Acts upstream of or within several processes, including heme export; negative regulation of fibrinolysis; and regulation of transcription from RNA polymerase II promoter in response to iron. Located in endolysosome and phagolysosome membrane. Human ortholog(s) of this gene implicated in thrombophilia due to HRG deficiency and thrombosis. Orthologous to human HRG (histidine rich glycoprotein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.86 kDa; Accurate Molecular Mass: 80/60/45/35 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

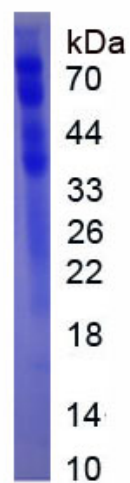
GENE INFORMATION

Gene Name	Hrg histidine-rich glycoprotein [Mus musculus (house mouse)]
Official Symbol	Hrg
Synonyms	HRG; histidine-rich glycoprotein; histidine-proline-rich glycoprotein; Hprg; Hrgp; D16jh2; D18020; AI265597; AW413091;
Gene ID	94175
mRNA Refseq	NM_053176
Protein Refseq	NP_444406
UniProt ID	Q9ESB3

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