

## Recombinant Mouse Hrg Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Hrg Protein (Leu19-Lys525) with His tag was expressed in 293F.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu19-Lys525
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 58.86 kDa; Accurate Molecular Mass: 80/60/45/35 kDa
<b>Purity</b>	> 97%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

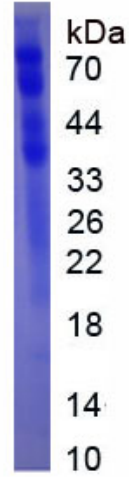
## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA