

## Recombinant Rat Hrg protein, His & T7-tagged

**Cat. No.** Hrg-7864R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Hrg aa. (Ile106~Pro302 (Accession # Q99PS8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile106~Pro302
<b>Description</b>	Plasma protein that may play a role in immune response and blood clotting.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.2kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 7.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage Buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

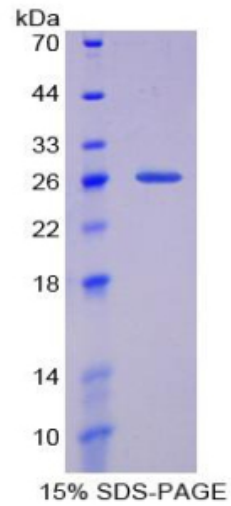
<b>Gene Name</b>	Hrg histidine-rich glycoprotein [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Hrg
<b>Synonyms</b>	Hrg; histidine-rich glycoprotein; HPRG; HRG1; histidine-rich glycoprotein; histidine-proline-rich glycoprotein; histidine-rich glycoprotein 1
<b>Gene ID</b>	171016
<b>mRNA Refseq</b>	NM_133428.2
<b>Protein Refseq</b>	NP_596919.1
<b>UniProt ID</b>	Q99PS8

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**SDS-PAGE**



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