

## Recombinant Rat Gp2 protein, His & T7-tagged

**Cat. No.** Gp2-1232R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gp2 aa. (Phe300~Asn505 (Accession # P19218) 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>	Phe300~Asn505
<b>Description</b>	GPI-linked protein that is a major component of pancreatic zymogen granule membranes.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.9kDa.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.0.
<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

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was determined by accelerated thermal degradation test, that is, incubate the protein 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>	Gp2 glycoprotein 2 [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Gp2
<b>Synonyms</b>	Gp2; glycoprotein 2; gp80; GPI-linked protein that is a major component of pancreatic zymogen granule membranes; pancreatic secretory granule membrane major glycoprotein GP2; glycoprotein 2 (zymogen granule membrane); glycoprotein 80; pancreatic zymogen granule membrane protein GP-2; secretory (zymogen) granule membrane glycoprotein GP2
<b>Gene ID</b>	171459
<b>mRNA Refseq</b>	NM_134418.3
<b>Protein Refseq</b>	NP_599245.2

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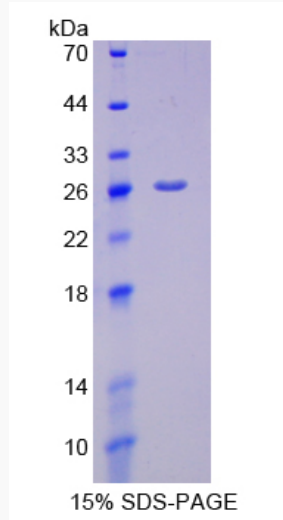
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UniProt ID

P19218

SDS-PAGE



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