

Recombinant Rat Gp2 protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Gp2 aa. (Phe300~Asn505 (Accession # P19218) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe300~Asn505
Description	GPI-linked protein that is a major component of pancreatic zymogen granule membranes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.

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

GENE INFORMATION

Gene Name	Gp2 glycoprotein 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Gp2
Synonyms	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
Gene ID	171459
mRNA Refseq	NM_134418.3
Protein Refseq	NP_599245.2

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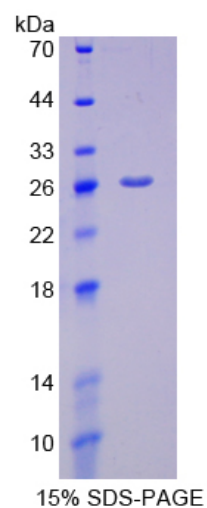
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UniProt ID

P19218

SDS-PAGE

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