

Recombinant Mouse Gp2 protein, His & T7-tagged

Cat. No. Gp2-1231M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gp2 aa. (Phe301~Lys506 (Accession # Q9D733) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe301~Lys506
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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 at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 (zymogen granule membrane) [*Mus musculus* (house mouse)]

Official Symbol

Gp2

Synonyms

Gp2; glycoprotein 2 (zymogen granule membrane); AV060639; 2310037I18Rik; pancreatic secretory granule membrane major glycoprotein GP2; pancreatic zymogen granule membrane protein GP-2

Gene ID

67133

mRNA Refseq

NM_025989.3

Protein Refseq

NP_080265.2

UniProt ID

Q9D733

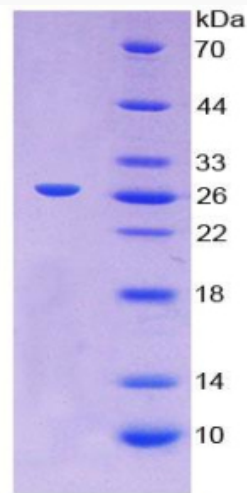
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SDS-PAGE



15% SDS-PAGE

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