

Recombinant Mouse Gp2 protein, His-tagged

Cat. No. Gp2-521M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gp2 protein(Q9D733)(22-531aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	22-531aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	63.0 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

STIHQGYGRPRNSSNLDLDCGSPDSPSSGICFDPCQNHTVLNDPTRSTENNDSSVA
 WCDDNLHGWYRFVGDGGVKMPETCVSVFRCHTSAPMWLSGSHPI LGDGIVSHTA
 CANWNENCCFWRSEVQVKACSEELGEYHVYKLQGTPECSLRYCTDPSTAPKNCEI
 TCRPEEECVFQNNNWSCVCRQDLHVSDSQSLQPLLDCGDNEIKVKLDKCLLGGMG
 FKEEIIAYLNDRNCNGTMQDEPNWVSM TSPVVANYCGNILEKNGTHAIYRNTLSLA
 TDFIIRDFRVNVNFQ CAYPLDMSVSLETALQPIVSSLTVDVDGAGEFNVKMALFQDQ
 SYTNPYEGA EVLLPVESILYVG VLLNRGDTSRFKLLL TNCYATPSEDRHDPVKYFIKN
 RCPNQRDSTINVRENGVSSSRFSVQMFMFAGNYDLVFLHCEVYLC DSTTEQCQP
 SCSTNRLRSSRPAIDYNRVLDLGPITKRSAQSSATSKGTPHTTGFL LAWPMFFLPVF
 LALLF

GENE INFORMATION

Gene Name [Gp2 glycoprotein 2 \(zymogen granule membrane\) \[Mus musculus \]](#)

Official Symbol [Gp2](#)

Synonyms GP2; glycoprotein 2 (zymogen granule membrane); pancreatic secretory granule membrane major glycoprotein GP2; pancreatic zymogen granule membrane protein GP-2; AV060639; 2310037I18Rik; MGC141315;

Gene ID [67133](#)

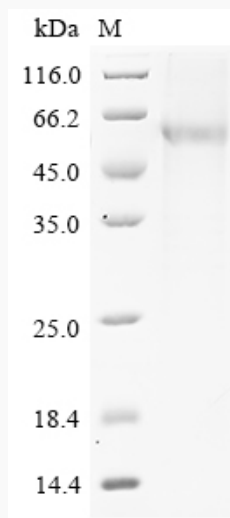
mRNA Refseq [NM_025989](#)

Protein Refseq [NP_080265](#)

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SDS-PAGE

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