

Active Recombinant Mouse Gp6, His-tagged

Cat. No. Gp6-361M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gp6 (Accession # AAI38171) Met1-Lys265, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	1-265 a.a.
Predicted N Terminal	Gly24
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When cross-linked with 10 µg/mL of Mouse polyHistidine Monoclonal Antibody, Recombinant Mouse GPVI binds to Collagen I (coated at 10 µg/mL, 100 µ/well) with an apparent KD < 90 nM. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Gp6, His-tagged has a calculated MW of 27.8 kDa (monomer). In SDS-PAGE migrates as 45-60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	Gp6 glycoprotein 6 (platelet) [<i>Mus musculus</i>]
Official Symbol	Gp6
Synonyms	GP6; glycoprotein 6 (platelet); platelet glycoprotein VI; glycoprotein 5; Gpvi; Gm469; 9830166G18Rik;
Gene ID	243816
mRNA Refseq	NM_001163014
Protein Refseq	NP_001156486
MIM	

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