

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

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|------------------------|---|
| 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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