

## Active Recombinant Mouse Gp5 Protein, His-tagged

Cat. No. Gp5-598M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Gp5 (Accession # NP_032174) Met1-Gly522, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Met1-Gly522
<b>Predicted N Terminal</b>	Gln17
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Mouse Glycoprotein V/CD42d is coated at 5 µg/mL, the concentration of Recombinant Human vWF-A2 that produces 50% optimal binding response is found to be approximately 0.25 - 1.25 µg/mL.
<b>Molecular Mass</b>	Recombinant Mouse Gp5, His-tagged has a calculated MW of 57.5 kDa (monomer). In SDS-PAGE migrates as 70-90 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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** [Epyc epiphycan \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Epyc](#)

**Synonyms** [Dspg3](#); [PG-Lb](#); [SLRR3B](#); [epiphycan](#); [epiphycan](#); [dermatan sulfate proteoglycan 3](#); [dermatan sulphate proteoglycan 3](#); [proteoglycan-Lb](#); [small chondroitin/dermatan sulfate proteoglycan](#)

**Gene ID** [13516](#)

**mRNA Refseq** [NM\\_007884.2](#)

**Protein Refseq** [NP\\_031910.1](#)

### MIM

**UniProt ID** [P70186](#)

**Chromosome Location** [10 50.35 cM](#); [10 C2-C3](#)

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