

Active Recombinant Mouse Gp5 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Gly522
Predicted N Terminal	Gln17
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Gp5, His-tagged has a calculated MW of 57.5 kDa (monomer). In SDS-PAGE migrates as 70-90 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 [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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