

Recombinant Mouse Ptn protein(Gly33-Asp168), hFc-tagged

Cat. No. Ptn-7414M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTN (P63089) (Gly 33-Asp 168) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	33-168 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse PTN/Fc is a disulfide-linked homodimer. The reduced monomer comprises 396 amino acids and has a calculated molecular mass of 43.7 kDa. The apparent molecular mass of the monomer is approximately 47 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Ptn pleiotrophin [*Mus musculus*]

Official Symbol Ptn

Synonyms PTN; pleiotrophin; HBBM; osteoblastic cell factor; osteoblast-specific factor 1; heparin-binding brain mitogen; heparin-binding growth factor 8; heparin affinity regulatory peptide; heparin-binding neurotrophic factor; heparin-binding neurotrophic factor; heparin-binding neurite promoting factor; heparin-binding growth-associated molecule; OSF; HARP; HBBN; HBNF; Osf1; Osf-1; HB-GAM; HBGF-8;

Gene ID 19242

mRNA Refseq NM_008973

Protein Refseq NP_032999

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