

Active Recombinant Mouse Pf4 protein, hFc-tagged

Cat. No. Pf4-6743M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pf4 protein(Val30-Ser105), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	30-105 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CCL5 at 5 µg/mL (100 µL/well) can bind Mouse CXCL4 with a linear range of 10-252.6 ng/mL.
Molecular Mass	34.17 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method
Purity	≥ 90% as determined by SDS-PAGE; ≥ 90% as determined by HPLC.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name Pf4 platelet factor 4 [*Mus musculus*]

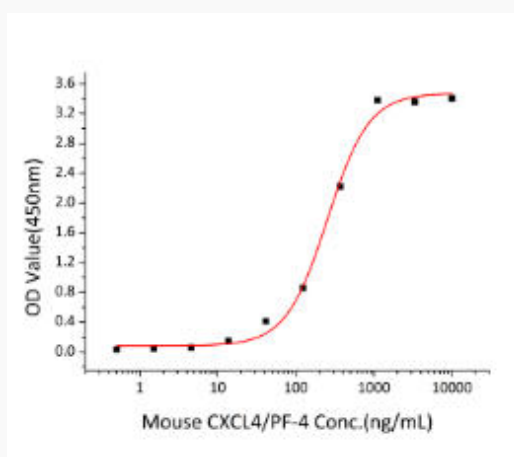
Official Symbol Pf4

Synonyms PF4; platelet factor 4; PF-4; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4; Cxcl4; Scyb4;

Gene ID 56744

mRNA Refseq NM_019932

Protein Refseq NP_064316

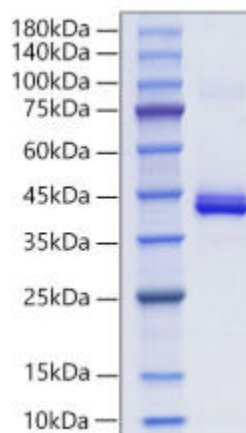
Activity


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SDS-PAGE



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