

Active Recombinant Mouse Pf4 Protein

Cat. No. Pf4-4802M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse platelet factor 4 (Pf4) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation.
Bio-activity	Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-100.0 ng/mL.
Molecular Mass	8.2 kDa
AA Sequence	VTSAGPEESDGDLSVCVKTISSGIHLKHITSLEVIKAGRHCAPVQLIATLKNRGIKICL DRQAPLYKKVIKKILES
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling

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 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage

Store at -80 centigrade.

Storage Buffer

Lyophilized from a 0.2 µM filtered solution of 20 mM phosphate buffer, 100 mM NaCl, pH 7.2

GENE INFORMATION

Gene Name

Pf4 platelet factor 4 [Mus musculus (house mouse)]

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

UniProt ID

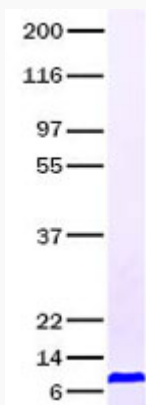
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SDS-PAGE



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