

## Active Recombinant Mouse Pf4 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse platelet factor 4 (Pf4) without tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Bio-activity</b>	Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-100.0 ng/mL.
<b>Molecular Mass</b>	8.2 kDa
<b>AA Sequence</b>	VTSAGPEESDGDLSVCVKTISSGIHLKHITSLEVIKAGRHC AVPQLIATLKNRGIKCL DRQAPLYKKVIKKILES
<b>Endotoxin</b>	< 0.1 ng/μg of protein (< 1 EU/μg)
<b>Purity</b>	> 95% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for at least 6 months from date of receipt under proper storage and handling

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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** Q9Z126

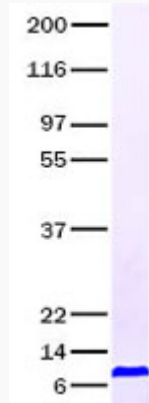
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SDS-PAGE



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