

Platelet factor 4 protein (Pf4) Active Protein | Pf4 active protein

Recombinant Mouse Platelet factor 4 protein (Pf4) (Active)

CATALOG #
AAA114234

HOST
E Coli

PRODUCT SYNONYMS

Platelet factor 4 protein (Pf4); Recombinant Mouse Platelet factor 4 protein (Pf4) (Active); PF-4; Pf4 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized
Sequence Positions	30-105aa
Sequence	VTSAGPEESD GDLSVCVKVT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES
Sequence Length	105
Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration of 10-100ng/ml.
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Protein Note	Protein will be provided with aseptic processing and endotoxin removal.
Preparation and Storage	Generally, the shelf life of liquid form is 6 months at -20/-80 degree C. The shelf life of lyophilized form is 12 months at -20/-80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pf4 active protein

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 (By similarity). {ECO:0000250}.

Product Categories/Family for Pf4
active protein

Biological Active Protein; Immunology; Chemokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910486
NCBI GeneID	56744
NCBI Accession #	NP_064316.1
NCBI GenBank Nucleotide #	NM_019932.4
UniProt Accession #	Q9Z126
Molecular Weight	8.2 kDa
NCBI Official Full Name	platelet factor 4
NCBI Official Synonym Full Names	platelet factor 4
NCBI Official Symbol	Pf4
NCBI Official Synonym Symbols	Cxcl4; Scyb4
NCBI Protein Information	platelet factor 4
UniProt Protein Name	Platelet factor 4
UniProt Gene Name	Pf4
UniProt Synonym Gene Names	Cxcl4; Scyb4; PF-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/platelet-factor-4-protein-pf4/114234>