

Platelet Factor 4 Active Protein | PF4 active protein

Active Platelet Factor 4 (PF4)

CATALOG #
AAA150080

APPLICATIONS
Activity Assay, Cell Culture

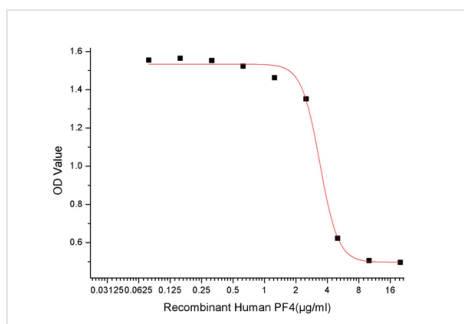
PRODUCT SYNONYMS

Platelet Factor 4; Active Platelet Factor 4 (PF4); CXCL4; SCYB4; Chemokine C-X-C-Motif Ligand 4; Oncostatin-A; Iroplact; PF4 active protein

PRODUCT SPECIFICATIONS

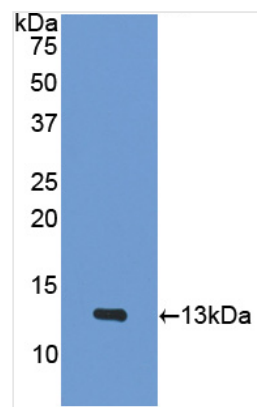
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Val30~Ser105
Sequence Length	105
Applicable Applications for PF4 active protein	Activity Assay, Cell Culture
Species	Mouse
Tag	N-terminal His Tag
Subcellular Location	Secreted
Isoelectric Point	9.4
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



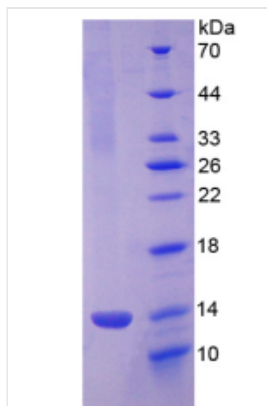
Application Data

Figure. Inhibition of FGF basic-dependent HUVEC proliferation after stimulated with PF4.



WB (Western Blot)

Figure. Western Blot; Sample: Recombinant PF4, Mouse; Antibody: Rabbit Anti-Mouse PF4 Ab (PAA172Mu01)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PF4 active protein	Cytokine; Hematology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9910486
NCBI GeneID	56744
NCBI Accession #	NP_064316.1
NCBI GenBank Nucleotide #	NP_064316.1
UniProt Accession #	Q9Z126
Molecular Weight	Predicted Molecular Mass: 12.1kDa Accurate Molecular Mass: 13kDa
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
UniProt Entry Name	PLF4_MOUSE

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/pf4-active-protein/platelet-factor-4/150080>