

CXCL4/PF-4 Recombinant Protein | CXCL4 recombinant protein

Recombinant Mouse CXCL4/PF-4 Protein

CATALOG #
AAA283401

HOST
HEK293 cells

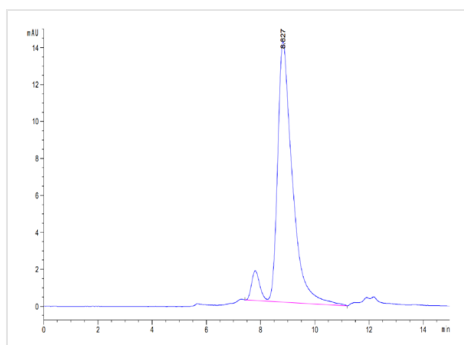
PRODUCT SYNONYMS

CXCL4/PF-4; Recombinant Mouse CXCL4/PF-4 Protein; Pf4; Cxcl4; Scyb4; Platelet factor 4; PF-4; C-X-C motif chemokine 4; CXCL4 recombinant protein

PRODUCT SPECIFICATIONS

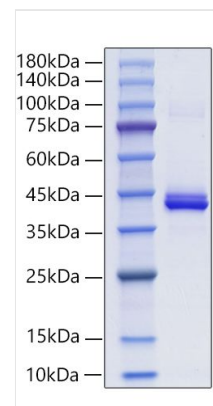
Host	HEK293 cells
Purity/Purification	PBS
Form/Format	Lyophilized from 0.22 um filtered solution in PBS (pH7.4). Normally 8% trehalose is added as protectant before lyophilization.
Sequence	VTSAGPEESD GDLSCVCVKT ISSGIHLKHI TSLEVIKAGR HCAVPQLIAT LKNGRKICLD RQAPLYKKVI KKILES
Species	Mouse
Tag	C-hFc
Endotoxin	<0.01 EU/ug
Bio-Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CCL5 at 5ug/mL (100 uL/well) can bind Mouse CXCL4 with a linear range of 10-252.6ng/mL.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

The purity of Mouse CXCL4 is greater than 95% as determined by SEC-HPLC.



SDS-PAGE

Recombinant Mouse CXCL4/PF-4 Protein 1/FSTL1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40-45kDa.

ADDITIONAL INFORMATION

Related Product Information for CXCL4 recombinant protein	Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets and binds with high affinity to heparin. Its major physiologic role appears to be neutralization of heparin-like molecules on the endothelial surface of blood vessels, thereby inhibiting local antithrombin III activity and promoting coagulation. As a strong chemoattractant for neutrophils and fibroblasts, PF4 probably has a role in inflammation and wound repair.
Product Categories/Family for CXCL4 recombinant protein	Cytokines & Cytokine receptors; Cell Culture related; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910486
NCBI GeneID	56744
NCBI Accession #	NP_064316.1
NCBI GenBank Nucleotide #	NM_019932.4
UniProt Accession #	Q9Z126
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-recombinant-protein-hek293-cells/283401>