

Recombinant Mouse CXCL4/PF-4 Protein

Catalog No.: RP01953 **Recombinant**

Sequence Information

Species Mouse **Gene ID** 56744 **Swiss Prot** Q9Z126

Tags

C-His

Synonyms

Pf4; Cxcl4; Scyb4; Platelet factor 4; PF-4; C-X-C motif chemokine 4

Background

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.

Basic Information

Description

Recombinant Mouse CXCL4/PF-4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val30-Ser105) of Mouse CXCL4/PF-4 (Accession #NP_064316.1) fused with a His tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Product Information

Source

HEK293 cells

Purification

≥ 90 % as determined by SDS-PAGE.

Calculated MW

9.05 kDa

Observed MW

15-20 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

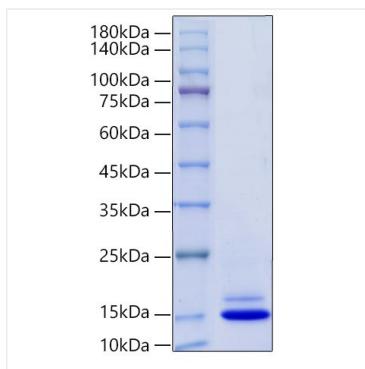
Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Validation Data



Recombinant Mouse CXCL4/PF-4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.