

Recombinant Human PF-4/CXCL4/SCYB4 Protein

Catalog No.: RP03274 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	5196	P02776

Tags

C-His

Synonyms

CXCL4; PF-4; SCYB4; Platelet Factor 4;
Iroplact; Oncostatin-A; C-X-C Motif
Chemokine 4

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 20 mM PB, 150 mM NaCl, 5% Trehalose, 5% Mannitol, 1 mM EDTA, 0.02% Tween 80, pH 6.0. Contact us for customized product form or formulation.

Reconstitution

Please contact us for reconstitution instructions.

Background

This protein is a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium falciparum.

Basic Information

Description

Recombinant Human CXCL4/PF-4 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Glu32-Ser101) of human CXCL4/PF-4 (Accession #P02776) fused with His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80°C for 12 months.

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.

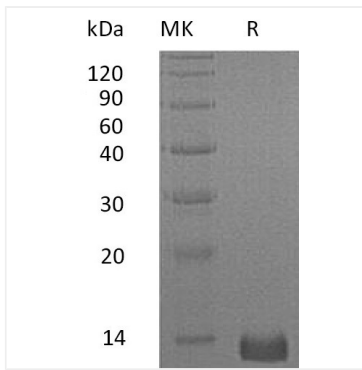
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Validation Data



Recombinant Human CXCL4/PF-4 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.