

Datasheet for ABIN7274446

PF4 Protein (AA 32-101) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PF4
Protein Characteristics:	AA 32-101
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PF4 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CXCL4 Protein
Sequence:	Glu32-Ser101
Characteristics:	Recombinant Human CXCL4 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Glu32-Ser101.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human CXCL4, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CXCL4 Antibody, hFc Tag with the EC50 of 6ug/ml determined by ELISA. See testing image for detail.

Target Details

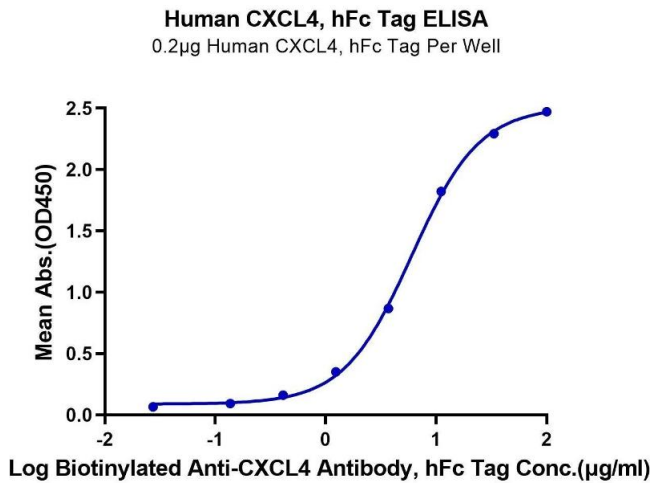
Target:	PF4
Alternative Name:	CXCL4 (PF4 Products)
Background:	Chemokines regulate leukocyte migration during physiological and pathological conditions. It is currently accepted that these chemotactic cytokines are also important in the development and progression of cancer. CXCL4 and its non-allelic variant CXCL4L1 are two platelet-associated chemokines that have been attributed anti-tumoral activity as a result of their angiostatic potential and the chemotactic activity for anti-tumoral leukocytes.
Molecular Weight:	34.5 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
UniProt:	P02776

Application Details

Restrictions:	For Research Use only
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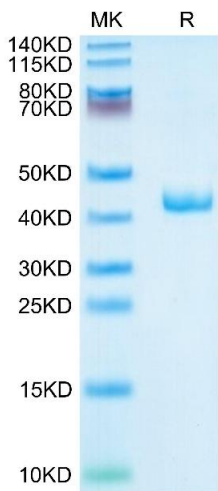
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



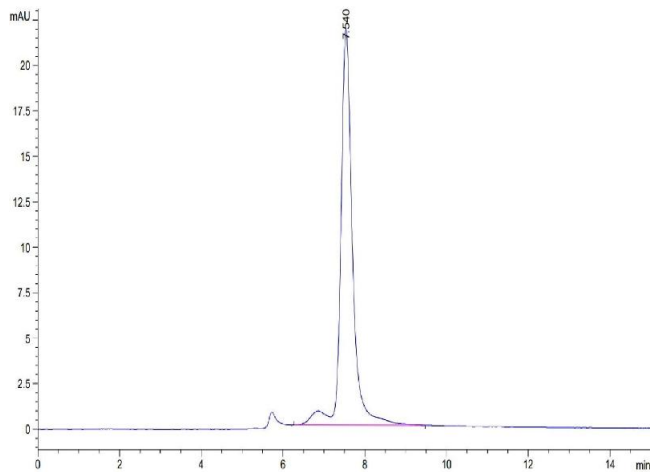
ELISA

Image 1. Immobilized Human CXCL4, hFc Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-CXCL4 Antibody, hFc Tag with the EC50 of 6 µg/mL determined by ELISA.



SDS-PAGE

Image 2. Human CXCL4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human CXCL4 is greater than 95 % as determined by SEC-HPLC.