

Datasheet for ABIN7274445

PF4V1 Protein (AA 31-104) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PF4V1
Protein Characteristics:	AA 31-104
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PF4V1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CXCL4L1 Protein
Sequence:	Phe31-Ser104
Characteristics:	Recombinant Human CXCL4L1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Phe31-Ser104.
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.

Target Details

Target:	PF4V1
Alternative Name:	CXCL4L1 (PF4V1 Products)

Target Details

Background: Platelet factor-4 (CXCL4/PF-4) was the first chemokine shown to inhibit angiogenesis. CXCL4L1/PF-4var, recently isolated from thrombin-stimulated platelets, differing from authentic CXCL4/PF-4 in three carboxy-terminally located amino acids, was found to be more potent than CXCL4/PF-4 in inhibiting angiogenesis and tumor growth. Both glycosaminoglycans (GAG) and CXCR3 are implicated in the activities of the PF-4 variants.

Molecular Weight: 35.01 kDa. Due to glycosylation, the protein migrates to 43-48 kDa based on Tris-Bis PAGE result.

UniProt: [P10720](#)

Application Details

Restrictions: For Research Use only

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.

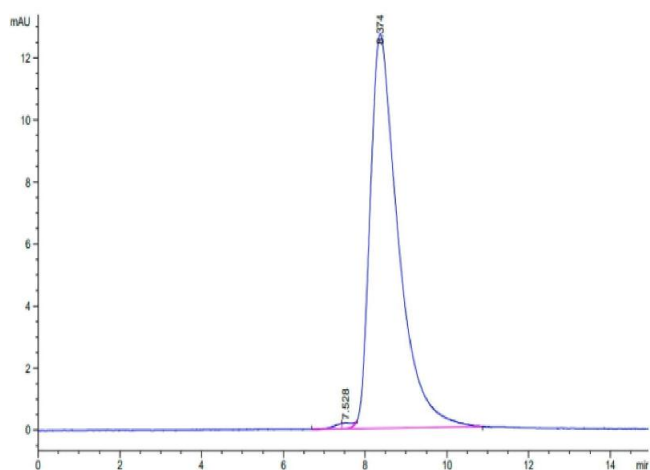
Storage: -20 °C,-80 °C

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human CXCL4L1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human CXCL4L1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

