

Datasheet for ABIN7274452

PF4 Protein (AA 30-105) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PF4
Protein Characteristics:	AA 30-105
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PF4 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse CXCL4 Protein
Sequence:	Val30-Ser105
Characteristics:	Recombinant Mouse CXCL4 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val30-Ser105.
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:	PF4
Alternative Name:	CXCL4 (PF4 Products)

Target Details

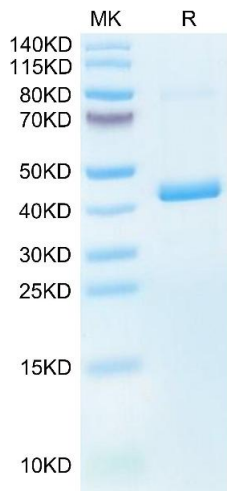
Background:	Chemokines regulate leukocyte migration during physiological and pathological conditions. It is currently accepted that these chemotactic cytokines are also important in the development and progression of cancer. CXCL4 and its non-allelic variant CXCL4L1 are two platelet-associated chemokines that have been attributed anti-tumoral activity as a result of their angiostatic potential and the chemotactic activity for anti-tumoral leukocytes.
Molecular Weight:	35 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
UniProt:	Q9Z126

Application Details

Restrictions:	For Research Use only
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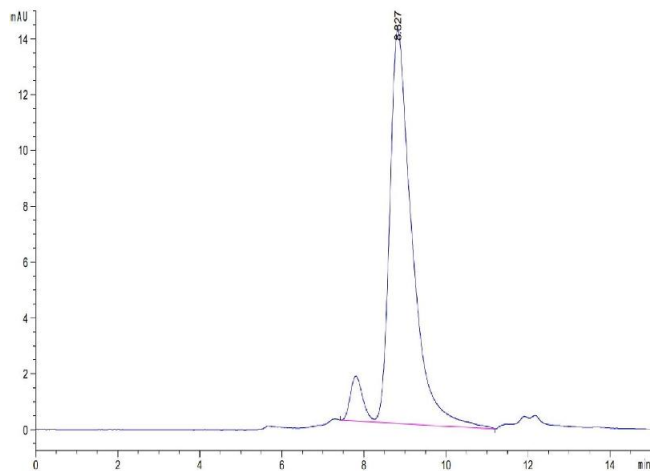
Handling

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, 200 mM L-arginine (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



SDS-PAGE

Image 1. Mouse CXCL4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse CXCL4 is greater than 95 % as determined by SEC-HPLC.