

Datasheet for ABIN7274448

PF4 Protein (AA 32-101) (His-Avi Tag,Biotin)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PF4
Protein Characteristics:	AA 32-101
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PF4 protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human CXCL4 Protein
Sequence:	Glu32-Ser101
Characteristics:	Recombinant Biotinylated Human CXCL4 Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus.It contains Glu32-Ser101.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-CXCL4 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CXCL4, His Tag with the EC50 of 2.3µg/ml determined by ELISA. See testing image for detail.

Target Details

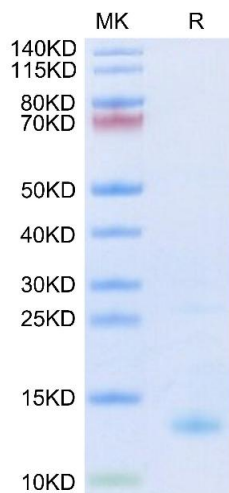
Target:	PF4
Alternative Name:	CXCL4 (PF4 Products)
Background:	Chemokines regulate leukocyte migration during physiological and pathological conditions. It is currently accepted that these chemotactic cytokines are also important in the development and progression of cancer. CXCL4 and its non-allelic 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:	10.68 kDa. The protein migrates to 13 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_002610

Application Details

Restrictions:	For Research Use only
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Handling

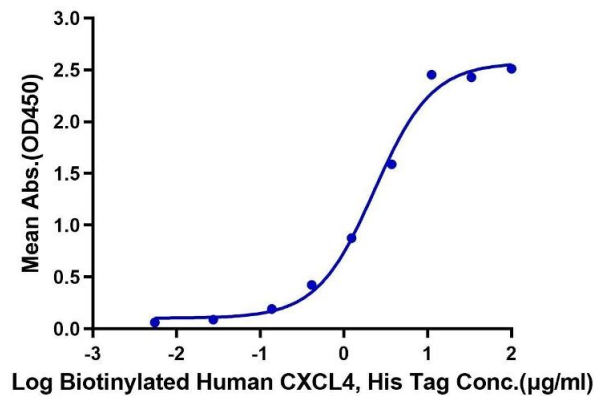
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in 4 mM HCl (pH 3.0).
Buffer:	Lyophilized from 0.22µm filtered solution in 4 mM HCl (pH 3.0). Normally 8 % trehalose is added 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. Biotinylated Human CXCL4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Biotinylated Human CXCL4, His Tag ELISA
0.5µg Anti-CXCL4 Antibody, hFc Tag Per Well



ELISA

Image 2. Immobilized Anti-CXCL4 Antibody, hFc Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human CXCL4, His Tag with the EC50 of 2.3 µg/mL determined by ELISA.