Datasheet for ABIN7520397

PF4 Protein (His tag)

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Overview

Quantity:	10 µg
Target:	PF4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PF4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PF-4/CXCL4/SCYB4 Protein
Sequence:	EAEEDGDLQC LCVKTTSQVR PRHITSLEVI KAGPHCPTAQ LIATLKNGRK ICLDLQAPLY KKIIKKLLES
Specificity:	Glu32-Ser101
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	PF4
Alternative Name:	PF-4/CXCL4/SCYB4 (PF4 Products)
Background:	Description: CXCL4, or Platelet factor 4 (PF4), is a small cytokine belonging to the CXC

Target Details

	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. CXCL4 is chemotactic for neutrophils and monocytes and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. CXCL4/PF4 is up-regulated in human liver fibrosis and that it plays a nonredundant, functional role in experimental liver fibrosis by mediating stellate cell proliferation, migration, and intrahepatic immune cell recruitment. Name: PF-4, CXCL4, SCYB4
Gene ID:	5196
UniProt:	P02776

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.32 mg/mL
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	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.