

PRODUCT INFORMATION

PF4V1 **Target**

Synonyms CXCL4L1;CXCL4V1;PF4-ALT;PF4A;SCYB4V1 Recombinant Human PF4V1 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P10720 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Background

PF4V1(Phe31-Ser104) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

34.4 kDa after removal of the signal peptide. The apparent molecular mass of PF4V1-hFc is **Molecular Weight**

approximately 25-35 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor

growth and can protect against blood-retinal barrier breakdown in diabetes patients. [provided

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by RefSeq, Nov 2015]

Usage Research use only Conjugate Unconjugated

Figure 1.Human PF4V1 Protein, hFc Tag on SDS-PAGE under reducing condition.

