HUMAN PF4V1 PROTEIN, HFC TAG

Cat.#: 11938

Product Name: Human PF4V1 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CXCL4L1;CXCL4V1;PF4-ALT;PF4A;SCYB4V1

Target: PF4V1

UNIPROT ID: P10720

Description: Recombinant Human PF4V1 Protein with C-terminal human Fc tag

Background: 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 by RefSeq, Nov 2015]

Species/Host: HEK293

Molecular Weight: 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 approximately 25-35 kDa due to glycosylation.

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

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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

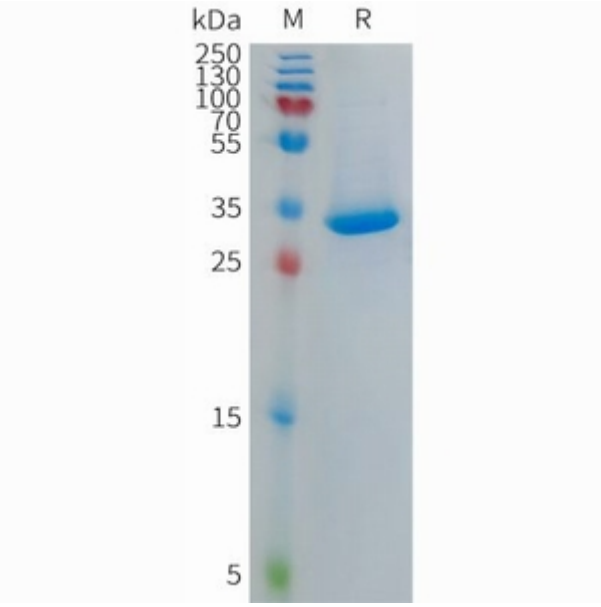

Figure 1.Human PF4V1 Protein, hFc Tag on SDS-PAGE under reducing condition.