HUMAN CXCL4 PROTEIN, HFC TAG

Cat.#: 11408

Product Name: Human CXCL4 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: PF4;PF-4;SCYB4

Target: CXCL4

UNIPROT ID: P02776

Description: Recombinant Human CXCL4 with C-terminal human Fc tag

Background: This gene encodes a member of the CXC 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. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium falciparum. [provided by RefSeq, Oct 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 33.9 kDa after removal of the signal peptide. The apparent molecular mass of CXCL4-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: CXCL4(Glu32-Ser101) 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.

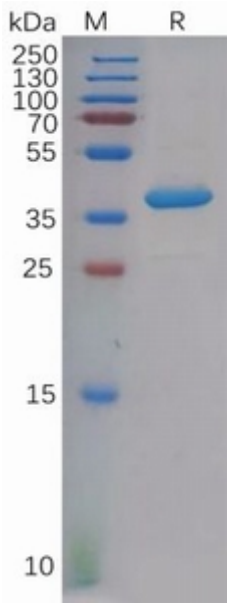

Figure 1. Human CXCL4 Protein, hFc Tag on SDS-PAGE under reducing condition.