

CYNOMOLGUS CXCL4 PROTEIN, HFC TAG**Cat.#:** 12113**Product Name:** Cynomolgus CXCL4 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** PF-4;Iroplact;Oncostatin-A**Target:** CXCL4**UNIPROT ID:** P02776**Description:** Recombinant Cynomolgus CXCL4 protein 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 33.7 kDa after removal of the signal peptide. The apparent molecular mass of cCXCL4-hFc is approximately 35-55 kDa due to glycosylation.**Molecular Characterization:** CXCL4(Glu34-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.

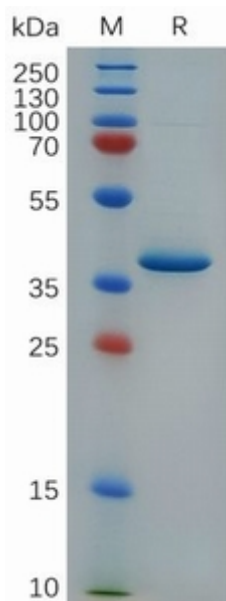


Figure 1. Cynomolgus CXCL4 Protein, hFc Tag on SDS-PAGE under reducing condition.