PRODUCT INFORMATION

Target	CXCL4
Synonyms	PF4;PF-4;SCYB4
Description	Recombinant Human CXCL4 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P02776
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CXCL4(Glu32-Ser101) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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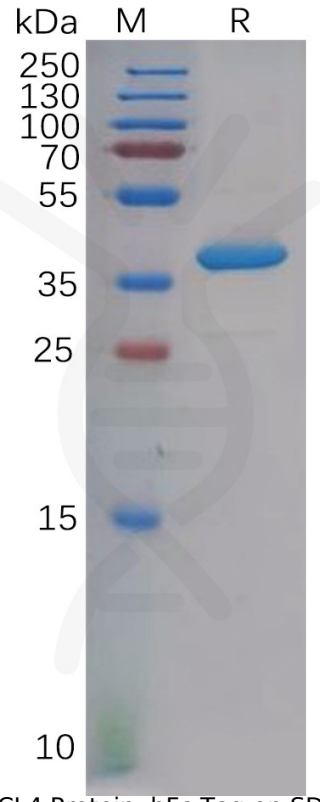


Figure 1. Human CXCL4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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