PRODUCT INFORMATION

Target	CXCL5
Synonyms	ENA-78;SCYB5
Description	Recombinant Human CXCL5 Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P42830
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CXCL5(Leu44-Asn114)
Molecular Weight	The protein has a predicted molecular mass of 34.0 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CXCL5 is approximately 25-35 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 protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion. [provided by RefSeq, May 2013]
Usage	Research use only
Conjugate	Unconjugated

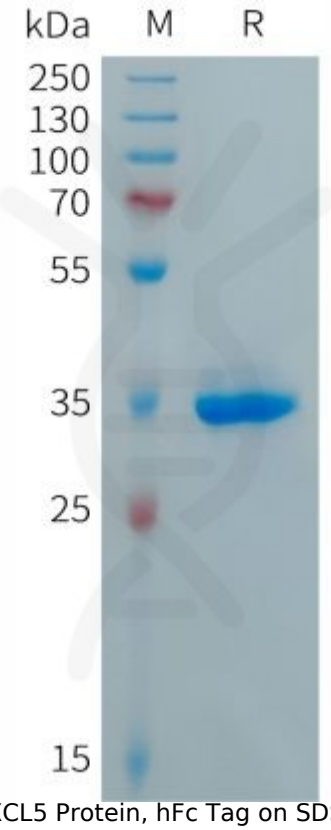

Figure 1.Human CXCL5 Protein, hFc Tag on SDS-PAGE under reducing condition.