PRODUCT INFORMATION

Target	CXCL13
Synonyms	ANGIE;ANGIE2;BCA-1;BCA1;BLC;BLR1L;SCYB13
Description	Recombinant Human CXCL13 with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O43927
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) CXCL13(Val23-Pro109)
Molecular Weight	The protein has a predicted molecular mass of 36.4 kDa after removal of the signal peptide.The apparent molecular mass of hFc-CXCL13 is approximately 35-40 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	B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. [provided by RefSeq, Oct 2014]
Usage	Research use only
Conjugate	Unconjugated

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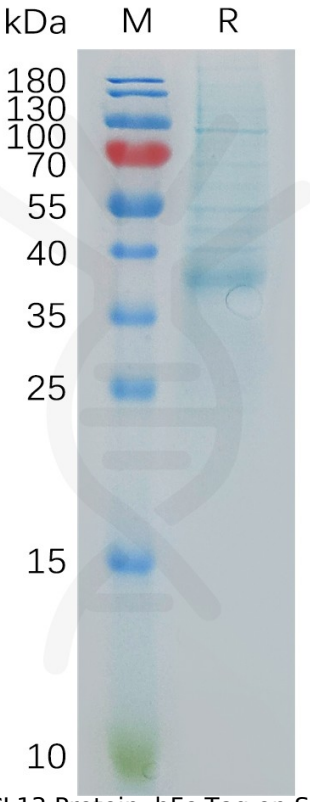


Figure 1. Human CXCL13 Protein, hFc Tag on SDS-PAGE under reducing condition.

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