

HUMAN CXCL13 PROTEIN, HFC TAG

Cat.#: 11740

Product Name: Human CXCL13 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: ANGIE;ANGIE2;BCA-1;BCA1;BLC;BLR1L;SCYB13

Target: CXCL13

UNIPROT ID: O43927

Description: Recombinant Human CXCL13 with N-terminal human Fc tag

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]

Species/Host: HEK293

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.

Molecular Characterization: hFc(Glu99-Ala330) CXCL13(Val23-Pro109)

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.

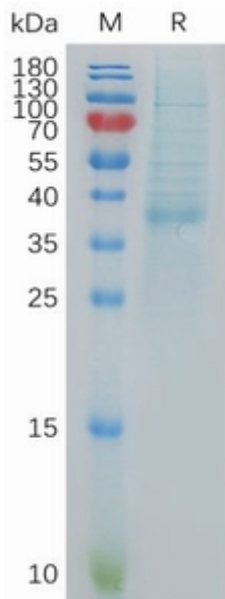


Figure 1. Human CXCL13 Protein, hFc Tag on SDS-PAGE under reducing condition.