HUMAN CXCR5 PROTEIN, HFC TAG

Cat.#: 11616

Product Name: Human CXCR5 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: Blr1;CXC-R5;CXCR-5;Gpcr6;MDR15

Target: CXCR5

UNIPROT ID: P32302

Description: Recombinant Human CXCR5 with C-terminal human Fc tag

Background: Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 32.3 kDa after removal of the signal peptide. The apparent molecular mass of CXCR5-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: CXCR5(Met1-Phe53) 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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

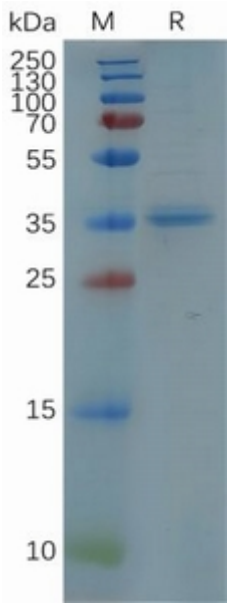


Figure 1. Human CXCR4 Protein, hFc Tag on SDS-PAGE under reducing condition.