

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.

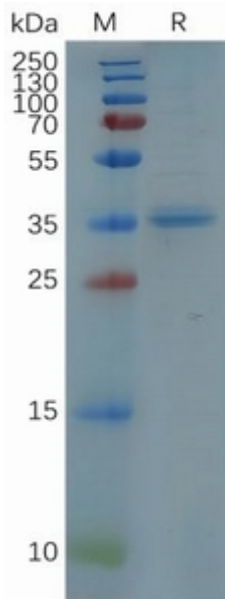


Figure 1. Human CXCR4 Protein, hFc Tag on SDS-PAGE under reducing condition.