

HUMAN CXCR5 FULL LENGTH PROTEIN

Cat.#: 11048

Product Name: Human CXCR5 Full Length Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: BLR1; CD185; MDR15

Target: CXCR5

UNIPROT ID: P32302

Description: Human CXCR5 full length protein-synthetic nanodisc

Background: A multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches.

Species/Host: HEK293

Molecular Weight: The human full length CXCR5 protein has a MW of 42.0 kDa

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.

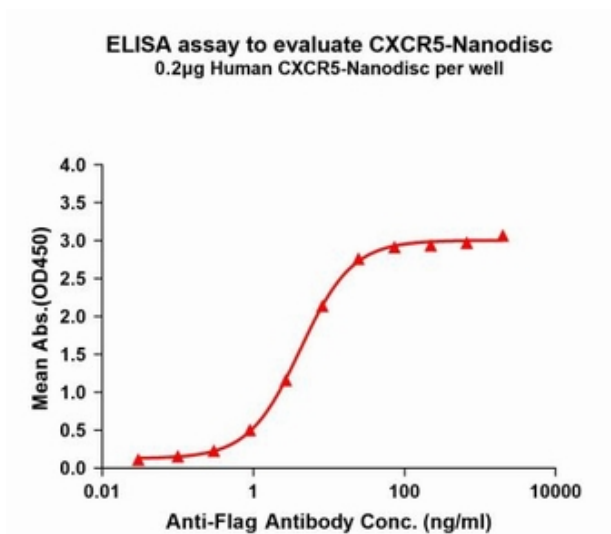


Figure1. Elisa plates were pre-coated with Flag Tag CXCR5-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CXCR5-Nanodisc is 4.190ng/ml.

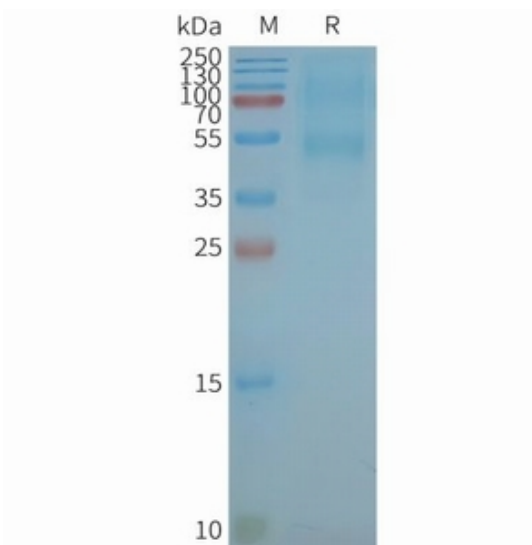


Figure2. Human CXCR5-Nanodisc, Flag Tag on SDS-PAGE