

PRODUCT INFORMATION

C-Flag Tag Tag CXCR5 **Target**

Synonyms BLR1; CD185; MDR15

Human CXCR5 full length protein-synthetic **Description**

nanodisc **Delivery** In Stock **Uniprot ID** P32302 **Expression Host HEK293**

Protein Families Druggable Genome, GPCR, Transmembrane

Chemokine signaling pathway, Cytokine-cytokine **Protein Pathways**

receptor interaction

The human full length CXCR5 protein has a MW of **Molecular Weight**

42.0 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature. 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

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spleen and Peyer patches.

Research use only **Usage** Conjugate Unconjugated

Background



ELISA assay to evaluate CXCR5-Nanodisc 0.2μg Human CXCR5-Nanodisc per well

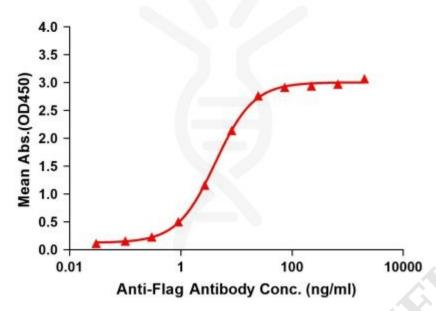


Figure 1. Elisa plates were pre-coated with Flag Tag CXCR5-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CXCR5-Nanodisc is 4.190ng/ml.

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Figure 2. Human CXCR5-Nanodisc, Flag Tag on SDS-PAGE



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