

PRODUCT INFORMATION

Tag C-Flag Tag

CCR6 **Target**

BN-1; C-C CKR-6; CC-CKR-6; CCR-6; CD196; CKR-**Synonyms**

L3; CKRL3; CMKBR6; DCR2; DRY6; GPR29;

GPRCY4; STRL22

Human CCR6 full length protein-synthetic **Description**

nanodisc

Delivery In Stock **Uniprot ID** P51684 **Expression Host HEK293**

Protein Families Druggable Genome, GPCR, Transmembrane

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

receptor interaction

The human full length CCR6 protein has a MW of **Molecular Weight**

42.5 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% Formulation & - 8% trehalose is added as protectants before 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

The protein is a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G proteincoupled receptors. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be

important for B-lineage maturation and antigendriven B-cell differentiation, and it may regulate the migration and recruitment of dentritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript

variants that encode the same protein have been described for this gene.

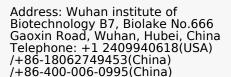
Research use only

Conjugate Unconjugated

Background

Usage

Email: info@dimabio.com Website: www.dimabio.com







ELISA assay to evaluate CCR6-Nanodisc 0.2µg Human CCR6-Nanodisc per well

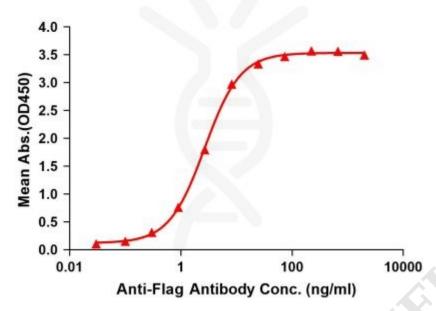


Figure 1. Elisa plates were pre-coated with Flag Tag CCR6-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CCR6-Nanodisc is 2.691ng/ml.

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Figure 2. Human CCR6-Nanodisc, Flag Tag on SDS-PAGE

