

**HUMAN CCR6 FULL LENGTH PROTEIN****Cat.#:** 11040**Product Name:** Human CCR6 Full Length Protein**Size :** 10 µg, 50 µg and 100 µg**Synonyms:** BN-1; C-C CKR-6; CC-CKR-6; CCR-6; CD196; CKR-L3; CKRL3; CMKBR6; DCR2; DRY6; GPR29; GPRCY4; STRL22**Target:** CCR6**UNIPROT ID:** P51684**Description:** Human CCR6 full length protein-synthetic nanodisc

**Background:** The protein is a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled 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 antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene.

**Species/Host:** HEK293**Molecular Weight:** The human full length CCR6 protein has a MW of 42.5 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.

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

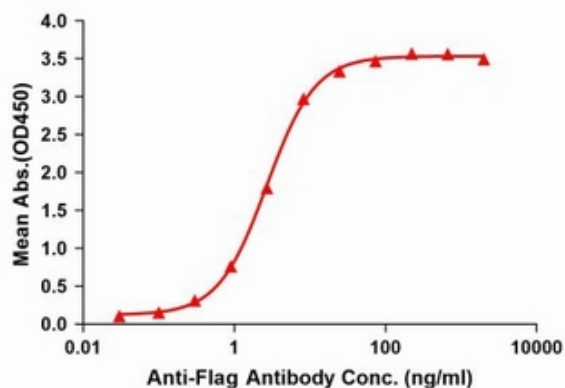


Figure1. Elisa plates were pre-coated with Flag Tag CCR6-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CCR6-Nanodisc is 2.691ng/ml.



Figure2. Human CCR6-Nanodisc, Flag Tag on SDS-PAGE