

**HUMAN CCR6 FULL LENGTH PROTEIN**

目录: 11040

产品名称: Human CCR6 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: 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

**描述:** Human CCR6 full length protein-synthetic nanodisc

**背景:** 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.

**储存和运输:** 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

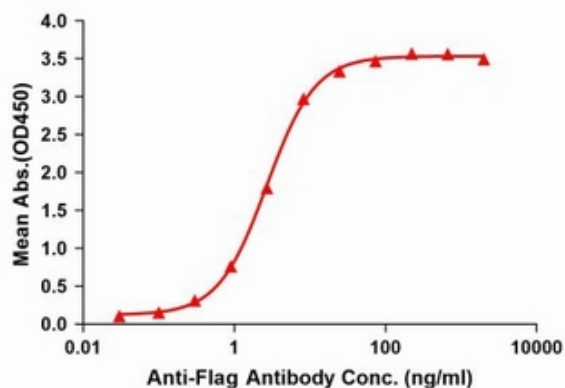


Figure1. Elisa plates were pre-coated with Flag Tag CCR6-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CCR6-Nanodisc is 2.691ng/ml.



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