

PRODUCT INFORMATION

CCR6 **Target**

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

L3; CKRL3; CMKBR6; DCR2; DRY6; GPR29; GPRCY4; STRL22

Description Human CCR6 full length protein-MNP

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

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 PBS. Normally 5% - 8% Formulation & trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis

for specific instructions.

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

témperature.

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

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described for this gene.

Usage Research use only

Conjugate Unconjugated

Background





ELISA assay to evaluate CCR6-MNP 0.5µg Human CCR6-MNP per well

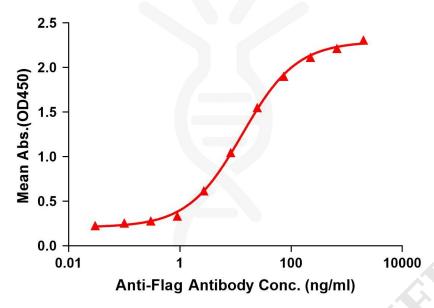


Figure 1. Elisa plates were pre-coated with 0.5µg/per well purified human CCR6 full length membrane nanoparticles. Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CCR6 full length membrane nanoparticles is 13.24ng/ml.

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