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Datasheet for ABIN7491149 CCR6 Protein (mFc Tag)

Overview

Quantity:	100 µg
Target:	CCR6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCR6 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human CCR6 protein with C-terminal mouse Fc tag
Specificity:	CCR6 (Met1-Leu47) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CCR6
Alternative Name:	CCR6 (CCR6 Products)
Background:	<p>CC-CKR-6, CKR-L3, DRY6, GPRCY4, CD196</p> <p>Description: This gene encodes 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</p>

Target Details

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. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 31.7 kDa after removal of the signal peptide. The apparent molecular mass of CCR6-mFc is 35-55 kDa due to glycosylation.

UniProt: [P51684](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months