

Recombinant Human CCR8 Protein, mFc-Tagged

Cat. No. CCR8-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCR8 protein with C-terminal mFc tag was expressed in HEK293 cell.
Species	Human
Source	HEK293
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. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region.
Form	Lyophilized
Molecular Mass	The protein has a predicted molecular mass of 30.2 kDa after removal of the signal peptide. The apparent molecular mass of CCR8-mFc is approximately 33-55 kDa due to glycosylation.

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Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Usage	Research use only
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4.
Reconstitution	Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Shipping	Lyophilized proteins are shipped at ambient temperature.

GENE INFORMATION

Gene Name	CCR8 C-C motif chemokine receptor 8 [Homo sapiens (human)]
Official Symbol	CCR8
Synonyms	CCR-8, CMKBRL2, CKR-L1, GPRCY6, TER1, CDw198
Gene ID	1237
mRNA Refseq	NM_005201.4
Protein Refseq	NP_005192.1
MIM	601834

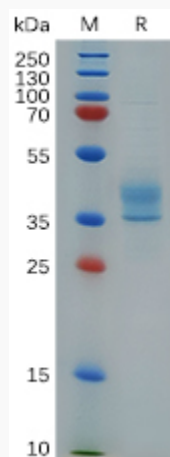
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UniProt ID

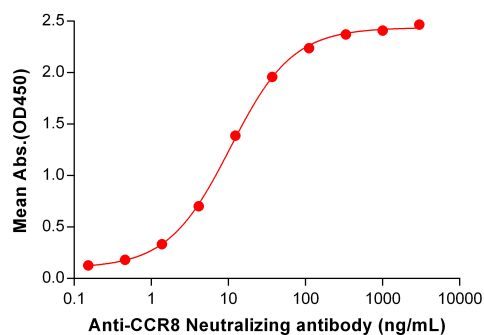
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Human CCR8, mFc Tag on SDS-PAGE under reducing condition.

Human CCR8, mFc Tagged protein ELISA

0.2 µg of Human CCR8, mFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CCR8 Protein, mFc Tag can bind Anti-CCR8 Neutralizing antibody in a linear range of 1.37–111.11 ng/mL.

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