

PRODUCT INFORMATION

CCR8 **Target**

CC-CKR-8; CCR-8; CDw198; CKRL1; CMKBR8; CMKBRL2; CY6; GPRCY6; TER1 **Synonyms**

Human CCR8 full length protein membrane **Description**

nanoparticles (MNPs)

Delivery In Stock **Uniprot ID** P51685 **Expression Host HFK293**

Reconstitution

Background

Protein Families Druggable Genome, GPCR, Transmembrane

Chemokine signaling pathway, cytokine-cytokine **Protein Pathways** receptor interaction

The human full length CCR8 Protein has a MW of **Molecular Weight**

40.7 kDa

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. 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

temperature.

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

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region.

Usage Research use only

Conjugate Unconjugated

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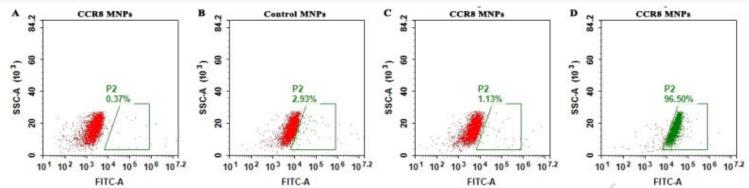


Figure 1. FACS analysis of CCR8 MNPs
A. Negative Control 1: CCR8 full length membrane nanoparticles samples were stained only with Goat anti-human IgG 488 secondary antibody.

- B. Negative Control 2: Control membrane nanoparticles samples were stained with anti-CCR8 antibody (BME100063) at 2 μ g/mL, followed by Goat anti-human IgG 488 secondary antibody.
- C. Negative Control 3: CCR8 full length membrane nanoparticles samples were stained with anti-Claudin 18.2 antibody \Box an irrelevant antibody) at 2 μ g/mL, followed by Goat anti-human IgG 488 secondary antibody.

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D. CCR8 full length membrane nanoparticles samples were stained with anti-CCR8 antibody (BME100063) at 2 μ g/mL, followed by Goat anti-human lgG 488 secondary antibody.

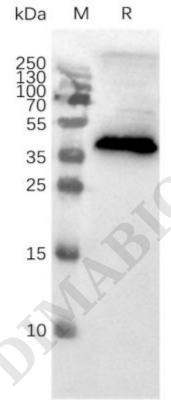


Figure 2. Western blot of CCR8 MNPs



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