

Active Recombinant Human CCR8 protein

Cat. No. CCR8-0184H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCR8 protein(Asp 2 - Leu 355) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp 2 - Leu 355
Form	The VLPs are highly immunogenic, so the immunization strategy should be optimized (antigen dose, regimen and adjuvant).Supplied as 0.2 µm filtered solution in PBS, Arginine, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CCR8 Full Length Protein-VLP at 10 µg/mL (100 µL/well) can bind Anti-CCR8 Antibody, Human IgG1 with a linear range of 0.078-2.5 µg/mL.
Molecular Mass	Virus-like particles(VLPs) are formed by self-assembly of envelop/capsid proteins from viruses. Membrane Proteins can be constituted in-situ with VLPs produced from HEK293 cell cultures. These VLPs concentrate conformationally intact membrane proteins directly on the cell surface and produce soluble, high-concentration proteins perfect for immunization and antibody screening. The VLPs provide the display of properly folded membrane proteins in their native cellular membrane in a compact size of 100~300 nm diameter (similar to the size of most viruses) making it optimal targets for dendritic cells in vivo and surface attachment for phage display.
Endotoxin	Less than 1.0 EU per

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µg by the LAL method.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

CCR8 chemokine (C-C motif) receptor 8 [Homo sapiens]

Official Symbol

CCR8

Synonyms

CCR8; chemokine (C-C motif) receptor 8; CMKBR8, CMKBRL2; C-C chemokine receptor type 8; CDw198; CKR L1; CY6; GPR CY6; TER1; CC chemokine receptor 8; chemokine receptor-like 1; chemokine (C-C) receptor 8; CC chemokine receptor CHEMR1; CC-chemokine receptor chemr1; chemokine (C-C) receptor-like 2; CCR-8; CKRL1; CMKBR8; GPRCY6; CMKBRL2; CC-CKR-8; MGC129966; MGC129973;

Gene ID

1237

mRNA Refseq

NM_005201

Protein Refseq

NP_005192

MIM

601834

UniProt ID

P51685

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