

Recombinant Full Length Human CCR8 Protein, GST-tagged

Cat. No. CCR8-3031HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR8 full-length ORF (NP_005192.1, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	355 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	67.2 kDa
AA Sequence	MDYTLDSLVTTVTDYYYPDIFSSPCDAELIQTN GKLLAVFYCLLFVFSLLGNSLVILVLV VCKKLRSITDVYLLNLALSDLLVFVFSFPFQTYLLDQWVFGTV MCKVVS GFYYIGFY

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SSMFFITLMSVDRYLAVVHAVYALKVVRTIRMGTTLCLAVWLTAIMATIPLLVFYQVASE
 DGVLCQCYSFYNQQTCLKWKIFTNFKMNLGLLIPFTIFMFCYIKILHQLKRCQNHNKTAKI
 RLVLIVVIASLLFWVPFNVVLFTSLHSMHILDGCSISQQLTYATHVTEIISFTHCCVNP
 VIYAFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSVDYI
 L

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Protein Refseq	NP_005192
MIM	601834
UniProt ID	P51685

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