

Recombinant Full Length Human CCR8 Protein

Cat. No. CCR8-3022HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR8 full-length ORF (NP_005192.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	392 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]
Form	Liquid
Molecular Mass	40.8 kDa
AA Sequence	MDYTLDSLVTTVTDYYYPDIFSSPCDAELIQTNKLLLA VFYCLLFVFSLLGNSLVILVL

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VVCKKLRSITDVYLLNLALSDLLFVFSFPFQTYLLDQWVFGTVMCKVVS GFYYIGFY
SSMFFITLMSVDRYLAVVHAVYALKVVRTIRMGTTLC LAVWLTAIMATIPLL VFYQVASE
DGLVLCYSFYNNQQLKWKIFTNFKMNILGLLIPFTIFMFCYIKILHQLKRCQNHNKTKAI
RLVLIVVIASLLFWVPFNVVLFLTSLHSMHILDGCSISQQLTYATHVTEIISFTHCCVNP
VIYAFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSVDYI
L

Applications

Antibody Production
Functional Study
Compound Screening

Storage

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

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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