

Recombinant Full Length Human CCR8 Protein

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

SPECIFICATION

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|-------------------------|--|
| 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 | <p>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]</p> |
| Form | Liquid |
| Molecular Mass | 40.8 kDa |
| AA Sequence | MDYTLDL SVTTVTDY YYPDI FSSPCDAELIQ TNGKLLLAVFYCLLFVFSLLGNSLVILVL |

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VVCKKLRISITDVYLLNLALS DLLFVFSFPFQTYLLDQWVFGTVMCKVVSGFYIGFY
 SSMFFITLMSVDRYLAVVHAVYALKVVRTIRMGTTLCLAVWLTAIMATIPLLVFYQVASE
 DGVLCQYSFYNNQQLKWKIFTNFKMNILGLLIPFTIFMFCYIKILHQLKRCQNHNKTKAI
 RLVLVIVIASLLFWVPFNVLFLTSLHSMHILDGCSISQQLTYATHVTEIISFTHCCVNP
 VIYAFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSSDYI
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| 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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