

Recombinant Full Length Human CCR9 Protein

Cat. No. CCR9-3032HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR9 full-length ORF (NP_112477.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	726 amino acids
Description	The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	42 kDa
AA Sequence	MTPTDFTSPIPNMADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLPPLYW

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LVFIVGALGNSLVILVYWYCTRVKTMMDMFLNLAIADLLFLVTLPFWAIAAADQWKF
 QTFMCKVVNSMYKMNFYSCVLLIMCISVDRIYIAIAQAMRAHTWREKRLLYSKMVCFT
 IWVLAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVLTCLKVILGFFLPFVVMAC
 CYTIIHTLIQAKKSSKHKALKVTITVLTVFVLSQFPYNCILLVQTIDAYAMFISNCAVSTN
 IDICFQVTQTIAFFHSCLNPVLYVFVGERFRRDLVKTLKNLGCISQAQWVSFTRREGS
 LKLSSMLLETTSGALSL

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 CCR9 chemokine (C-C motif) receptor 9 [Homo sapiens]

Official Symbol CCR9

Synonyms CCR9; chemokine (C-C motif) receptor 9; GPR28; C-C chemokine receptor type 9; CDw199; GPR 9 6; G protein-coupled receptor 28; GPR-9-6; CC-CKR-9;

Gene ID 10803

mRNA Refseq NM_001256369

Protein Refseq NP_001243298

MIM 604738

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UniProt ID

P51686

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