

Recombinant Human CCR9 Protein

Cat. No. CCR9-0699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCR9 full-length ORF (NP_112477.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jan 2012]
Form	Liquid
Molecular Mass	42 kDa
AA Sequence	MTPDFTSPIPNMADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLPPLYW LVFIVGALGNSLVILVYWCYTRVKTMTDMFLNLAIADLLFLVTLPFWAIAAADQWKF QTFMCKVVNSMYKMFYSCVLLIMCISVDRIYIAIAQAMRAHTWREKRLLYSKMCVCF

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IWVLAAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVLTCLKVILGFFLPFVVMAC
CYTIIHTLIQAKKSSKHKALKVTITVLTVFVLSQFPYNCILLVQTIDAYAMFISNCAVSTN
IDICFQVTQTIAFFHSCLNPNVLYVFVGERFRRDLVKTLKNLGCISQAQWVSFTRREGS
LKLSSMLLETTSGALSL

Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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

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MIM	604738
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UniProt ID	P51686
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