

Recombinant Human CCR10 Protein

Cat. No. CCR10-0687H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CCR10 full-length ORF (AAH98132.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	<p>Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC, based on the arrangement of the first 2 of the 4 conserved cysteine residues; the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CCR10 is the receptor for CCL27 (SCYA27; MIM 604833); CCR10-CCL27 interactions are involved in T cell-mediated skin inflammation (Homey et al., 2002 [PubMed 11821900]).[supplied by OMIM, Mar 2008]</p>
Form	Liquid
Molecular Mass	38.4 kDa
AA Sequence	MGTEATEQVSWGHHYSGDEEDAYSAPLPELCYKADVQAFSRAFQPSVSLTVAALG LAGNGLVLATHLAARRAARSPTSALLLQLALADLLLALTLPFAAAGALQGWSLGSAT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CRTISGLYSASFHAGFLFLACISADRYVAIARALPAGPRPSTPGRAHLVSVIVWLLSLL
 LALPALLFSQDGQREGQRRCLIFPEGLTQTVKGASAVAQVALGFALPLGVMVACY
 ALLGRTLLAARGPERRRALRVVVALVAAFVVLQLPYSLALLLDTADLLAARERSCPAS
 KRKDVALLVTSGLALARCGLNPNVLYAFLGLRFRQDLRLLRGGSCPSGPPRRGCP
 RRPRLSSCSAPTETHSLSWDN

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
 CCR10 chemokine (C-C motif) receptor 10 [Homo sapiens]

Official Symbol
 CCR10

Synonyms
 CCR10; chemokine (C-C motif) receptor 10; G protein coupled receptor 2, GPR2; C-C chemokine receptor type 10; CCR-10; CC-CKR-10; C-C CKR-10; CC chemokine receptor 10; G protein-coupled receptor 2; G-protein coupled receptor 2; GPR2;

Gene ID
 2826

mRNA Refseq
 NM_016602

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Protein Refseq NP_057686

MIM 600240

UniProt ID P46092

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA