

Proteoliposomes

Full-Length

CCR10 (Human) Recombinant Protein

Catalog # H00002826-G01

Size 2 ug

Specification

Product Description

Human CCR10 full-length ORF (AAH98132.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGTEATEQVSWGHYSGDEEDAYS AEPLPELCYKADVQAFSRA FQPSVSLTVAALGLAGNGLVL
ATHLAARRAARSPTS AHLLQLALADLLLAL TLPFAAAGALQGWSLGSATC RTISGLYSASFHAGFL
FLACISADRYVAIARALPAGPRPSTPGRAHLVSVIWLLSLLLALPALLFSQDGGQREGQRRCLIFP
EGLTQTVKGASAVAQVALGFALPLGVMVACYALLGRTLLAARGPERRRALRVVVALVAAFVVLQ
LPYSLALLLDTADLLAARERSCPASKRKDVALLVTSGLALARCGLNPVLYAFLGLRFRQDLRRLLR
GGSCPSGPQPRRGCPRRPRLSSCSAPTETHSLSWDN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

38.4

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

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

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CCR10

Entrez GeneID [2826](#)

GeneBank Accession# [BC098132.1](#)

Protein Accession# [AAH98132.1](#)

Gene Name CCR10

Gene Alias GPR2

Gene Description chemokine (C-C motif) receptor 10

Omim ID [600240](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations CC chemokine receptor 10|G protein-coupled receptor 2

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)