

Proteoliposomes

Full-Length

# CCR1 (Human) Recombinant Protein

Catalog # H00001230-G01

Size 2 ug

## Specification

### Product Description

Human CCR1 full-length ORF (NP\_001286.1) recombinant protein without tag.  
This product is belong to Proteoliposome (PL).

### Sequence

METPNTTEDYDTTTEFDYGDATPCQKVNERAFGAQLLPPLYSLVFVIGLVGNILVVLVLVQYKRLKN  
MTSYLLNLAISDLLFLFTLPFWIDYKLKDDWVFGDAMCKILSGFYTGLYSEIFFIILLTIDRYLAMHAV  
FALRARTVTFGVITSIIWALAILASMPGLYFSKTQWEFTHHTCSLHFPHESLREWKLQALKNLNLF  
LVLPLLVMICYTGIIKILLRRPNEKSKAVRLIFVIMIIFLFWTPYNLTILISVFQDFLFTHCEQSRHLD  
LAVQVTEVIAYTHCCVNPVIYAFVGERFRKYLRQLFHRRVAVHLVKWLPFLSVDRLERVSSTSPST  
GEHELSAGF

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

41.2

### Interspecies Antigen Sequence

Mouse (80); Rat (80)

### 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 — CCR1

Entrez GeneID [1230](#)

GeneBank Accession# [NM\\_001295.2](#)

Protein Accession# [NP\\_001286.1](#)

Gene Name CCR1

Gene Alias CD191, CKR-1, CKR1, CMKBR1, HM145, MIP1aR, SCYAR1

Gene Description chemokine (C-C motif) receptor 1

Omim ID [601159](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CXCR1, are found to form a gene cluster on chromosome 3p. [provided by RefSeq]

Other Designations RANTES receptor

## Pathway

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

## Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Rhinitis](#)