

## Product Information

### **MemDX™ Membrane Protein Human CCR4 (C-C motif chemokine receptor 4) expressed in E.coli for Antibody Discovery**

Cat. No.: **MP1333J**

This product is for research use only and is not intended for diagnostic use.

This product is a 44.9 kDa Human CCR4 membrane protein expressed in E.coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### **Host Species**

Human

##### **Target Protein**

CCR4

##### **Protein Length**

Full-length

##### **Protein Class**

GPCR

##### **Molecular Weight**

44.9 kDa

##### **TMD**

7

##### **Sequence**

MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSVVVLVLFKYKRLRSMTDVYLLNLAISDLLFVFS

#### Product Description

##### **Expression Systems**

E.coli

##### **Tag**

N-10xHis

##### **Form**

Liquid or Lyophilized powder

##### **Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

**Purity**

>85% as determined by SDS-PAGE

**Buffer**

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

CCR4

**Full Name**

C-C motif chemokine receptor 4

**Introduction**

The protein encoded by this gene belongs to the G-protein-coupled receptor family. It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The 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.

**Alternative Names**

C C chemokine receptor type 4; C C CKR 4; C-C chemokine receptor type 4; C-C CKR-4; CC CKR 4; CC-CKR-4; CCR 4; CCR-4; CCR4; CCR4\_HUMAN; CD194; Chemokine (CC motif) receptor 4; chemokine C C motif receptor 4; ChemR13; CKR4; CMKBR 4; CMKBR4; HGCN 14099; K5 5; K5-5; MGC88293

**Gene ID**

[1233](#)

**UniProt ID**

[P51679](#)