

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](#)