

Product Information

MemDX™ Membrane Protein Human CCR4 (C-C motif chemokine receptor 4) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX0909K**

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

This product is a Human CCR4 membrane protein expressed *in vitro* E.coli expression system. 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

MNPTDIADTTLDESIYSNYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSVVVLVLFKYKRLRSMTDVYLLNLAISDLLFVFS

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Nanodisc

Form

LYOPH

Reconstitution

Reconstitute protein in deionized sterile water

Purity

>85% as determined by SDS-PAGE.

Buffer

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

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

CCR4; CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGNC:14099; C-C CKR-4; CCR-4; chemokine (C-C motif) receptor 4; chemokine (C-C) receptor 4; C-C motif chemokine receptor 4

Gene ID

[1233](#)

UniProt ID

[P51679](#)