

Product Information

MemDX™ Membrane Protein Human CCR4 (C-C motif chemokine receptor 4) Full Length

Cat. No.: **MPC0051K**

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

This product is a 63.3 kDa Human CCR4 membrane protein expressed in Baculovirus/Insect 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

63.3 kDa

TMD

7

Sequence

MPKEYEPPDPRRMYTIMSSEEAANGKKSHWAELEISGKVRSLASLWSL
THLTALHLSDNSLSRIPSDIAKLHNLVYLDLSSNKIRSLPAELGNMVSLR
ELHLNLLRVLPFELGKLFQLQTLGLKGNPLTQDILNLYQEPDGTRRL
NYLLDNLSGTAKRITTEQPPRSWIMLQEPDRTRPTALFSVMCYNVLC DK
YATRQLYGYCPSWALNWDYRKKAIIQEILSCNADIVSLQEVETE QYYSFF
LVELKERGYNGFFSPKSRARTMSEQERKHVDGCAIFFKTEKFTLVQKHTV
EFNQLAMANSEGSEAMLNRVMTKDNIGVAVLLELRKESIEMPSGKPHLGT
EKQLILVANAHMHWDP EYSDVKLVQTMMFLSEVKNIIDKASRNKSSVLG
EFGTIPLVLCADLNSLPDSGVVEYLSTGGVETNHKDFKELRYNESLTNFS
CHGKNGTTNGRITHGFKLQSAYESGLMPYTNYTFDFKGIIDYIFYSKPQL
NTLGILGPLDHHWLVENNISGCPHPLIPSDHFSLFAQLELLLPFLPQVNG
IHLPGRR

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

Gene ID

[1233](#)

UniProt ID

[Q9ULM6](#)