

Product Information

MemDX™ Membrane Protein Human CCR6 (C-C motif chemokine receptor 6) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1335J**

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

This product is a 46.5 kDa Human CCR6 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

CCR6

Protein Length

Full-length

Protein Class

GPCR

Molecular Weight

46.5 kDa

TMD

7

Sequence

MSGESMNFSDVFDSSDYFVSVNTSYYSVDSEMLLCSLQEVQRQFSRLFVPIAYSLICVFGLLGNILVVITFAFYKKARSMTDVYLLNM

Product Description

Expression Systems

E.coli

Tag

N-6xHis

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**

CCR6

Full Name

C-C motif chemokine receptor 6

Introduction

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 gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene.

Alternative Names

BN 1; BN1; C C chemokine receptor type 6; C C CKR 6; C-C chemokine receptor type 6; C-C CKR-6; CC chemokine receptor type 6; CC CKR 6; CC R6; CC-CKR-6; CCCKR6; CCR 6; CCR-6; Ccr6; CCR6_HUMAN; CD 196; CD196; CD196 antigen; Chemokine (C C motif) receptor 6; Chemokine (C C) receptor 6; Chemokine (CC motif) receptor 6; Chemokine (CC) receptor 6; Chemokine receptor 6; Chemokine receptor like 3; Chemokine receptor-like 3; CKR 6; CKR L3; CKR-L3; CKR6; CKRL3; CMKBR 6; CMKBR6; DCR 2; DCR2; DRY 6; DRY6; G protein coupled receptor 29; G-protein coupled receptor 29; GPR 29; GPR CY4; GPR-CY4; GPR29; GPRCY 4; GPRCY4; LARC receptor; Seven transmembrane receptor lymphocyte 22; STRL 22; STRL22

Gene ID

[1235](#)

UniProt ID

[P51684](#)