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Product Information

MemDX™ Membrane Protein Human CCR8 (C-C motif chemokine receptor 8) for Antibody Discovery

Cat. No.: **MP1337J**
This product is for research use only and is not intended for diagnostic use.

This product is a 41.7 kDa Human CCR8 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
CCR8

Protein Length
Full-length

Protein Class
GPCR

Molecular Weight
41.7 kDa

TMD
7

Sequence
MDYTLDLSVTTVTDYYYPDIFSSPCDAELIQTNGKLLLAVFYCLLFVFSLLGNSLVILVL
VVCKKLRSITDVYLLNLALSDLLFVFSFPFQTYYLLDQWVFGTVMCKVVSGFYYIGFYSS
MFFITLMSVDRYLAVVHAVYALKVRTIRMGTTLCLAVWLTAIMATIPLLVFYQVASEDGV
LQCYSFYNQQTLKWKIFTNFKMNILGLLIPFTIFMFCYIKILHQLKRCQNHNKTKAIRLV
LIVVIASLLFWVPFNVVLFLTSLHSMHILDGCSISQQLTYATHVTEIISFTHCCVNPVIY
AFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSSVDYIL

Product Description

Expression Systems
E.coli

Tag
N-His or Tag-Free

Form

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

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

CCR8

Full Name

C-C motif chemokine receptor 8

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. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region.

Alternative Names

C C chemokine receptor type 8; C C CKR 8; C C motif chemokine receptor 8; C-C chemokine receptor type 8; C-C CKR-8; CC chemokine receptor 8; CC chemokine receptor CHEMR1; CC chemokine receptor type 8; CC CKR 8; CC-CKR-8; CCR 8; CCR-8; Ccr8; CCR8 protein; CCR8-L; CCR8_HUMAN; CDw198; CDw198 antigen; Chemokine (C C motif) receptor 8; Chemokine (C C) receptor 8; Chemokine (C C) receptor like 2; Chemokine (CC motif) receptor 8; Chemokine (CC) receptor 8; Chemokine (CC) receptor like 1; Chemokine (CC) receptor like 2; Chemokine C C motif receptor 8; Chemokine C C receptor 8; Chemokine CC motif receptor 8; Chemokine CC receptor 8; Chemokine receptor 8; Chemokine receptor like 1; Chemokine receptor-like 1; CKR L1; CKR-L1; CKRL 1; CKRL1; CMKBR 8; CMKBR L2; CMKBR8; CMKBRL 2; CMKBRL2; CY 6; CY6; GPR CY6; GPR-CY6; GPRCY6; MGC123958; MGC123959; MGC129966; MGC129973; TER 1; TER1

Gene ID

1237

UniProt ID

P51685