

Product Information

MemDX™ Membrane Protein Human CCR8 (C-C motif chemokine receptor 8) Full Length

Cat. No.: **MPC0055K**

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

This product is a 40.8 kDa Human CCR8 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

CCR8

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

40.8 kDa

TMD

7

Sequence

MDYTLDLSTVTVDYYPDIFSSPCDAELIQTNGKLLAVFYCLLFVFSL
LGNSLVILVLVCKKLRSITDVYLLNLALSDLLFVFSFPFQTYLLDQWV
FGTVMCKVVSGFYIYGYSSMFFITLMSVDRYLAVVHAVYALKVIRTIRMG
TTLCLAVWLTAIMATIPLLVFYQVASEDGVLCYSFYNQQTLLKWKIFTNF
KMNILGLLIPFTIFMFCYIKILHQLKRCQNHNKTKAIRLVLIIVIASLLF
WVPFNVLFLTSLSMHILDGCSISQQLTYATHVTEISFTHCCVNPVIY
AFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSS
VDYIL

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**

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

CY6; TER1; CCR-8; CKRL1; CDw198; CMKBR8; GPRCY6; CMKBRL2; CC-CKR-8; C-C chemokine receptor type 8; CC chemokine receptor 8; CC chemokine receptor CHEMR1; CC-chemokine receptor chemr1; chemokine (C-C motif) receptor 8; chemokine (C-C) receptor 8; chemokine (C-C) receptor-like 2; chemokine receptor-like 1; CCR8; C-C motif chemokine receptor 8

Gene ID

[1237](#)

UniProt ID

[P51685](#)