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Product Information

MemDX™ Membrane Protein Human CCR7 (C-C motif chemokine receptor 7 expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0173X**
This product is for research use only and is not intended for diagnostic use.

This product is a 42.9 kDa Human CCR7 membrane protein expressed in *in vitro* wheat germ 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
CCR7

Protein Length
Full-length

Molecular Weight
42.9 kDa

TMD
7

Sequence
MDLGKPMKSVLVVALLVIFQVCLCQDEVTDDYIGDNTTVDYTLFESLCSKKDVRNFKAWFLPIMYSIICFVGLLGNGLVVLTYIYFKRL

Product Description

Application
Antibody Production

Expression Systems
in vitro wheat germ expression system

Tag
NO

Protein Format
Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

CCR7

Full Name

C-C motif chemokine receptor 7

Introduction

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants

Alternative Names

BLR2; CD197; CDw197; CMKBR7; EBI1; C-C chemokine receptor type 7; CC chemokine receptor 7; EBV-induced G protein-coupled receptor 1; Epstein-Barr virus induced G-protein coupled receptor; Epstein-Barr virus induced gene 1; MIP-3 beta receptor; chemokine (C-C) receptor 7; lymphocyte-specific G pro

Gene ID

1236

UniProt ID

P32248

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