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Product Information

MemDX™ Human CCR8 CHO-S Cell Line

Cat. No.: **S01YF-0424-KX4**
This product is for research use only and is not intended for diagnostic use.

Product Information

Target Protein
CCR8

Target Protein Species
Human

Host Cell Type
CHO-S

Target Classification
GPCR

Target Family
Chemokine Family

Target Research Area
Cancer Research; Infectious Research; Inflammation Research

Related Diseases
Molluscum Contagiosum; Kaposi Sarcoma

Product Properties

Morphology
Suspension

Assay Types
Functional assay

Mycoplasma Testing
Negative

Biosafety Level
Level 1

Activity
Yes

Quantity

$3x10^6$ cells

Form

Frozen cells

Selective Antibiotic(s)

Regular antibiotics active against mycoplasmas, bacteria and fungi.

Handling Notes

Frozen cells should be thawed immediately upon receipt and grown according to handling procedure to ensure cell viability and proper assay performance.
Note: Do not freeze the cells upon receipt as it may result in irreversible damage to the cell line.
Disclaimer: We cannot guarantee cell viability if the cells are not thawed immediately upon receipt and grown according to handling procedure.

Incubation

37°C with 5% CO_2

Applications

Drug screening and biological assays

Application Notes

Cells were plated in a 384-well plate and incubated overnight at 37°C and 5% CO_2 to allow the cells to attach and grow. Cells were then stimulated with a control for high-throughput drugs screening andfunctional assays.

Use Restrictions

These cells are distributed for research use only.

Shipping

Dry ice

Storage

Liquid nitrogen

Target

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