

Product Information

NativeExtract™ Human CCR8 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX468**

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

This product is recombinant Human CCR8 protein in native nanodisc form. The synthetic compound we developed can solubilize the CCR8 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

CCR8

Protein Length

Full length

Molecular Weight

40.7 kDa

Sequence

Accession # [P51685](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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

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](#)