

Recombinant Human CCR9 cell lysate

Cat. No. CCR9-310HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Description

The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described.

Size 100 ul

Storage Buffer 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications Western Blot;

GENE INFORMATION

Gene Name CCR9 chemokine (C-C motif) receptor 9 [Homo sapiens]

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Official Symbol	CCR9
Synonyms	CCR9; chemokine (C-C motif) receptor 9; GPR28; C-C chemokine receptor type 9; CDw199; GPR 9 6; G protein-coupled receptor 28; GPR-9-6; CC-CKR-9;
Gene ID	10803
mRNA Refseq	NM_001256369
Protein Refseq	NP_001243298
MIM	604738
UniProt ID	P51686
Chromosome Location	3pter-qter
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;
Function	C-C chemokine receptor activity; G-protein coupled receptor activity; chemokine receptor activity; receptor activity; signal transducer activity;