

Recombinant Human CCRL2 cell lysate

Cat. No. CCRL2-311HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	This gene encodes a chemokine receptor like protein, which is predicted to be a seven transmembrane protein and most closely related to CCR1. Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. This gene is expressed at high levels in primary neutrophils and primary monocytes, and is further upregulated on neutrophil activation and during monocyte to macrophage differentiation. The function of this gene is unknown. This gene is mapped to the region where the chemokine receptor gene cluster is located.
Molecular Mass	40.8 kDa
Components	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer 1 vial of 250 µl 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then

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centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20°C before shipping.

Size 0.1 mg

Storage Instruction The lysate is shipped with dry ice. Upon receiving, store the sample at -20°C. Lysate samples are stable for 12 months from date of receipt when stored at -20°C. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20°C for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name CCRL2 chemokine (C-C motif) receptor-like 2 [Homo sapiens]

Official Symbol CCRL2

Synonyms CCRL2; chemokine (C-C motif) receptor-like 2; C-C chemokine receptor-like 2; CKRX; CRAM A; CRAM B; HCR; chemokine receptor X; chemokine receptor CCR11; putative MCP-1 chemokine receptor; CRAM; CRAM-A; CRAM-B; FLJ55815; MGC34104; MGC116710;

Gene ID 9034

mRNA Refseq NM_001130910

Protein Refseq NP_001124382

MIM 608379

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UniProt ID	O00421
Chromosome Location	3p21
Pathway	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Function	CCR chemokine receptor binding; G-protein coupled receptor activity; chemokine receptor activity; chemokine receptor binding; receptor activity; signal transducer activity;

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