Recombinant Human CCRL2 protein, GST-tagged

Cat. No. CCRL2-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCRL2(49 a.a. - 344 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	49-344 a.a.
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	58.3 kDa
AA Sequence	FVIGVLDNLLVVLILVKYKGLKRAENIYLLNLAVSNLCFLLTLPFWAHAGGDPMCKILIG LYFVGLYSETFFNCL LTVQRYLVFLHKGNFFSARRRVPCGIITSVLAWVTAILATLPE YVVYKPQMEDQKYKCAFSRTPFLPADETFWKH FLTLKMNISVLVLPLFIFTFLYVQM

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	RKTLRFREQRYSLFKLVFAIMVVFLLMWAPYNIAFFLSTFKEHFSLSDCK SSYNLDKS VHITKLIATTHCCINPLLYAFLDGTFSKYLCRCFHLRSNTPLQPRGQSAQGTSREEPD HSTEV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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
UniProt ID	O00421

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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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