

Recombinant Human CCRL2 protein

Cat. No. CCRL2-15H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CCRL2 was expressed in Wheat Germ.

Species Human

Source Wheat Germ

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 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Molecular Mass 39.5 kDa

AA Sequence

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MANYTLAPEDEYDVLIEGELESDEAEQCDKYDAQALSAQLVPSLCSAVFVIGVLDNL
LVVLLLVKYGKLRVENI YLLNLAVSNLCFLLTLPFWAHAGGDP MCKILIGLYFVGLYS
ETFFNCLLTVQRYLVFLHKG NFFSARRRVPCGII TSVLAWVTAILATLPEFVVYK PQM
EDQKYKCAFSRTPFLPADETFWKHFLTLKMNISVLVPLFIFTFLYVQMRK T LRFREQ
RYSLFKLVFAIMVVFLLMWAPYNI AFFLSTFKEHFSLSDCKSSYNLDKSVHITKLIATT
HCCINPLLY AFLDGTFSKYLCRCFH LRSNTPLQPRGQSAQGTSREEPDHSTEV
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Applications	Antibody Production; Functional Study: Recommended usage only, not validated yet; Compound Screening: Recommended usage only, not validated yet.
Notes	Heating may cause protein aggregation. Please do not heat this product before electrophoresis. 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_003965
Protein Refseq	NP_003956
MIM	608379
UniProt ID	O00421
Chromosome Location	3p21

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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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