

Specifications:

Gene:	hCCR5
Accession:	NP_000570
Insert size:	1072bp
Package size:	10µg at 0.2µg/µL

hCCR5 cDNA Plasmid

Chemokine (C-C motif) Receptor 5 [Homo sapiens]

Also known as: CC-CKR-5; CCCKR5; CD195; CKR-5; CKR5; CMKBR5; FLJ78003; IDDM22

Summary:

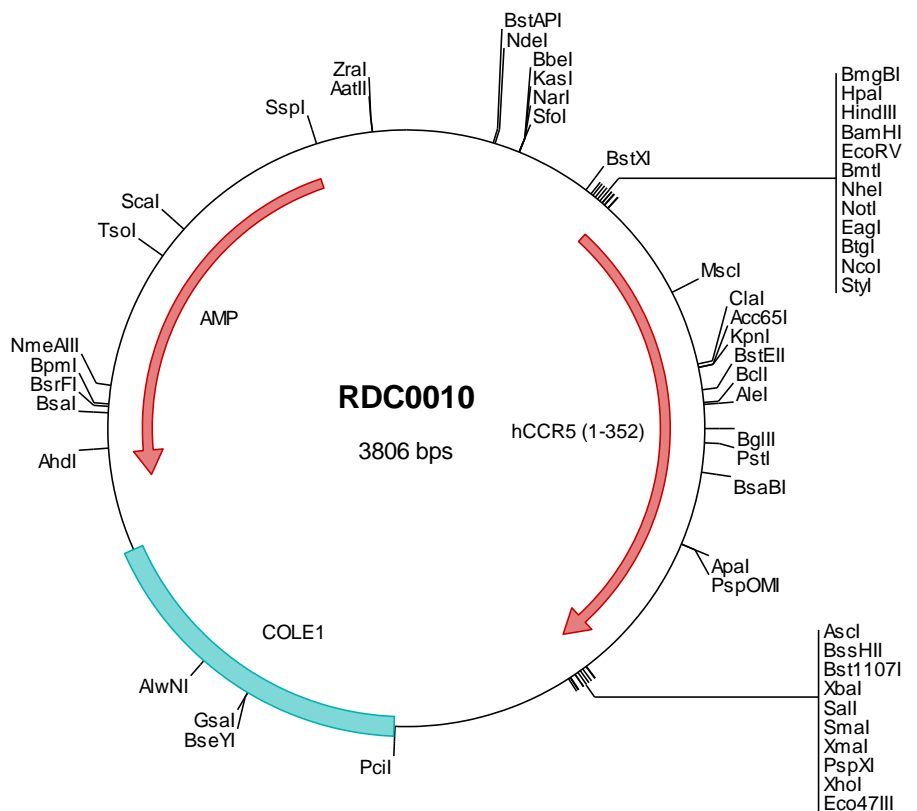
CCR5 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds MCP-2, MIP1 α , and MIP1 β . CCR5 is regulated by the secreted protein (RANTES). Expression of CCR5 has been detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. CCR5 is a highly proinflammatory receptor, and a critical coreceptor for HIV-1.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0010 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gacgctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacagat gcgtaaggag aaaataccgc atcaggcgcc attgcattt caggctgccc aactgttggg aaggcgatc ggtgcccggc tcttcgctat
301 taaggcagct ggcgaaagg gtagtgctg caaggcgatt aagtgggta acgcccgggt tttccagctc acgacgttgt aaaacgacgg ccagtgaatt
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601 gtcactctca tctctgataaa ctgcaaaagg ctgaagagca tgaactgact ctactgtctc aaactggcca tctctgacct gtttttctct cttactgtcc
701 cettctgggc tcactatgct gcccgccagt gggacttttg aaatacaatg tgcactctc tgacagggtc ctattttata ggttctctct ctggaatctt
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3701 ggggttccgc gcacatttcc ccgaaaagtg coactgacg tctaagaaac cattattatc atgacattaa cctataaaaa tagcgctatc acgagccct
3801 ttcgtc

> RDC0010 Translated Insert Sequence

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301 gekfrnyllv ffqkhiakrf ckccsifqce aperassvyt rstgeqeisv gl