

Specifications:

Gene:	hCCR8
Accession:	NP_005192
Insert size:	1081bp
Package size:	10µg at 0.2µg/µL

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.

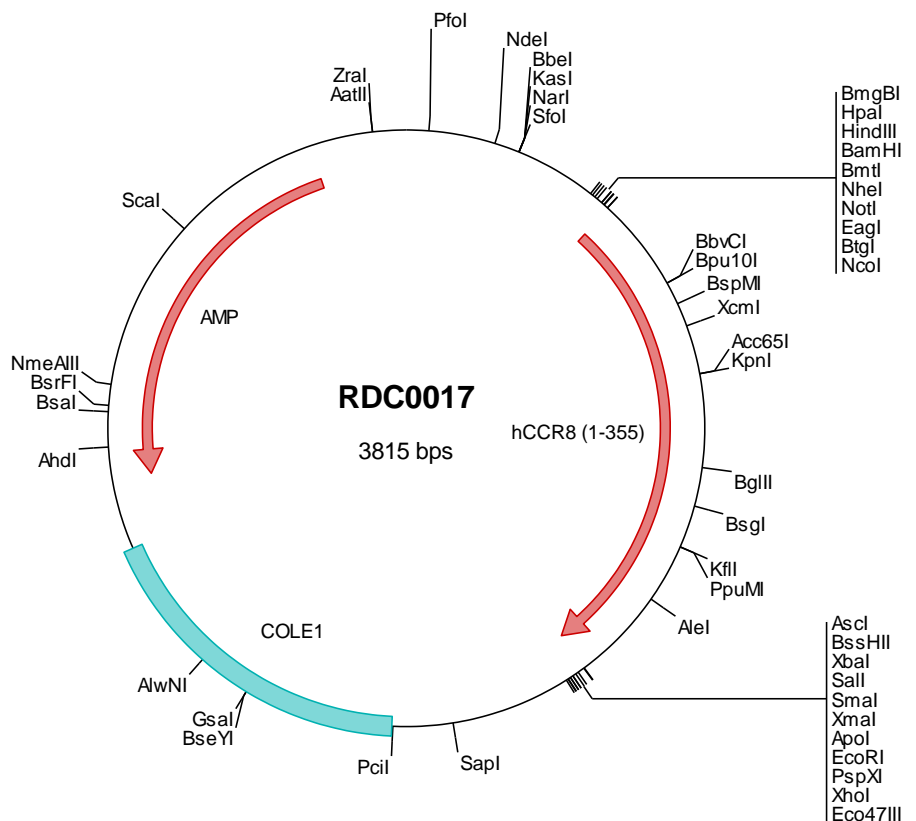
hCCR8 cDNA Plasmid

CCR8 chemokine (C-C motif) receptor 8 [*Homo sapiens*]

Also known as: CY6; TER1; CCR-8; CKRL1; CDw198; CMKBR8; GPRCY6; CMKBRL2; CC-CCR-8

Summary:

CCR8 is a G protein-linked seven transmembrane domain spanning chemokine receptor. Ligands of this receptor include TARC, I-309 and MIP-1β. It is preferentially expressed in the thymus and plays a role in the regulation of monocyte chemotaxis and thymic cell apoptosis. CCR8 may contribute to the proper positioning of activated T-cells within the antigenic challenge sites and specialized areas of lymphoid tissues.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0017 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taacgcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccagggt ttcccgagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc gggccgcaacc atggattata cacttgacct cagtgtgaca acagtgaacc actactacta
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1601 ctgtttctcg tgtgaaattg ttatccgctc acaattccac acaacatag agccggaagc ataaaagtga aagcctgggg tgcctaatag gtgagctaac
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1801 gcgtattggg cgtctctccg cttctctcgt cactgactcg ctgcctcgg tcgttcggct gcggcgagcg gtatcagctc actcaaggc ggtaatacgg
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2201 tgtaggtatc tcagttcggg gtaggctggt cgtctcaagc tgggctgtgt gcacgaacc cccgttcagc ccgaccgctg cgccttatcc ggtaactatc
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2501 tgatccggca aacaaccac cgtcgtgtagc ggtggttttt ttgtttgcaa gcagcagatt acgcccagaa aaaaaggatc tcaagaagat cctttgatc
2601 tttctacggg gtctgacgct cagtggaaagc aaaactcacg ttaagggatt ttggtcatga gattatcaaa aaggatcttc acctagatcc ttttaatta
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3701 aaacaaatag ggtctccgcg cacatttccc cgaaaagtgc cactgacgt ctaagaaccc attattatca tgacattaac ctataaaaa aggcgtatca
3801 cgaggccctt tcgctc

> RDC0017 Translated Insert Sequence

1 mdytldlsvt tvtdyyypdi fsspcdaeli qtnyklillav fycllfvfl lgnslvilvl vvccklrsit dvyllnlals dllfvfsfpf qtyylldqw
101 fgtvmckvvs gfyiygfys mffitlmsvd rylavvhavy alkvrtirmg ttclclawlt aimatipllv fyqvasedgv lqcysfynqg tlkwkiftnf
201 kmnilgllip ftifmfciyik ilhqlkrcqn hnktkairlv livviasllf wvpfnvflf tslhsmhild gcsisqqlty athvteiisf thccvnpviy
301 afvgekfkhh lseifqkscs qifnylgrqm presceksss cqhqssrsss vdyil