

Specifications:

Gene:	mCCR6
Accession:	NP_033965
Insert size:	1117bp
Package size:	10µg at 0.2µg/µL

mCCR6 cDNA Plasmid

Ccr6 chemokine (C-C motif) receptor 6 [*Mus musculus*]

Also known as: CCR-6; KY411; Cmkbr6; CC-CKR-6

Summary:

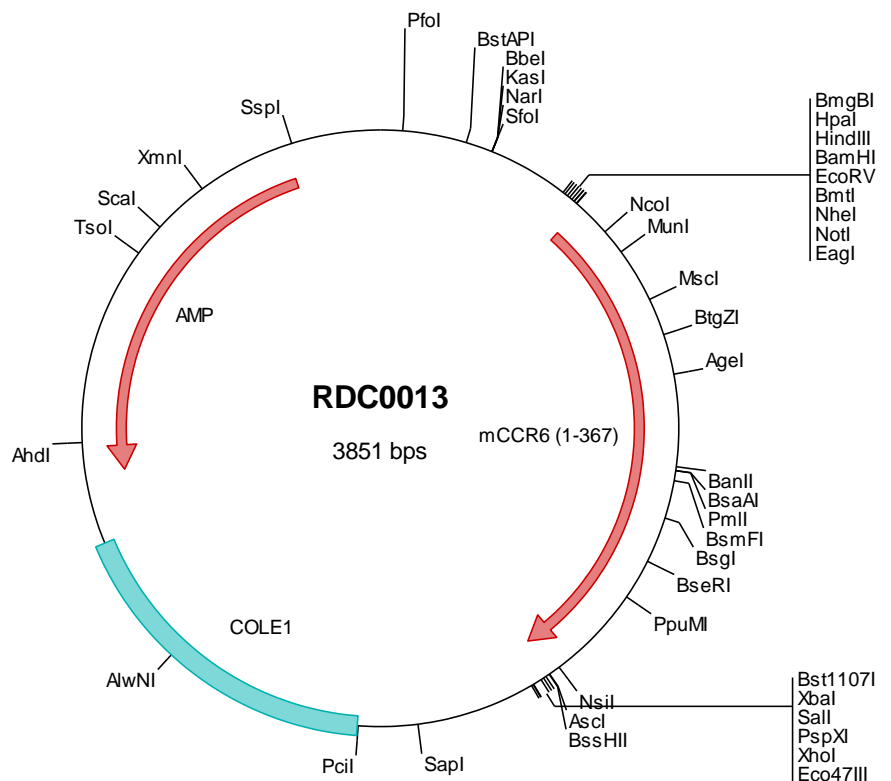
CCR6 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds the chemokine MIP-3α. It is expressed by immature dendritic cells, lymphocytes, T-cells and B-cells but not by natural killer cells, monocytes or granulocytes. CCR6 is involved in B-cell lineage maturation and differentiation. During inflammatory and immunological responses it may play a role in regulating the migration and recruitment of dendritic and T-cells.

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.





> RDC0013 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggta cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taacgacgct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
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2501 aagccagtta ccttcggaaa aagagtgggt agctcttgat ccggcaaaac aaccaccgct ggtagcgggt gttttttgt ttgcaagcag cagattacgc
2601 gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct gacgctcagt ggaacgaaaa ctacggttaa gggattttgg tcatgagatt
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> RDC0013 Translated Insert Sequence

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201 twkllgmgle lffgfftp11 fmvfcylfii ktlvqagnsk rhrairrvia vvlvflacqi phnmvllvta vntgkvgrsc stekvlaytr nvaevlafllh
301 cclnplyaf igqkfrnyfm kimkdvwcmr rknkmpgfic arvysesyis rqtsetvend nassftm