*m*CCR6 VersaClone cDNA

Catalog Number: RDC0669

Specifications:

Gene:	*m*CCR6
Accession:	NP_001177267
Insert size:	1240bp
Concentration:	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

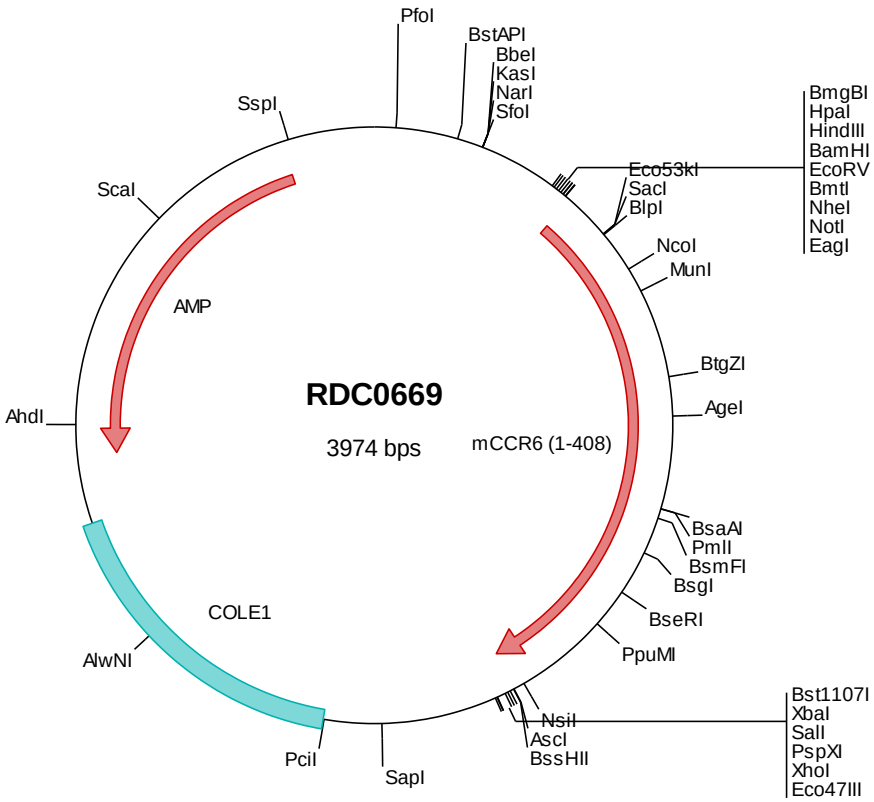
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CCR6 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-3 alpha. 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0669 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgagcactg ctggttgtgt ctgtcaacag aatagtcctc acattcttag
 501  gactggagcc tggataacca ctgaggcagg agtacctggc cagtctactt tggagctcag cattttctgg ggaatgaatt ccacagagtc ctactttgga
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 701  ttgcctactc cttaatatgt gtctttggcc tcctgggcaa cattatggtg gtgatgacct ttgccttcta caagaaagcc agatccatga ctgacgtcta
 801  cctgttgaac atggccatca cagacatact ctttgtcctc accctaccgt tctgggcagt tactcatgcc accaacactt gggttttcag cgatgcactg
 901  tgtaaactga tgaaaggcac atatgcggtc aactttaact gtgggatgct gctcctggcc tgtatcagca tggaccggta cattgccatc gtccaggcaa
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1701  tcgacacccg gggaattcct cgagcgctcg tctctagctt ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt tatccgctca caattccaca
1801  caacatacga gccggaagca taaagtgtaa agcctggggt gcctaatgag tgagctaact cacattaatt gcgttgcgct cactgcccgc tttccagtcg
1901  ggaaacctgt cgtgccagct gcattaatga atcggccaac gcgcggggag aggcggtttg cgtattgggc gctcttccgc ttcctcgctc actgactcgc
2001  tgcgctcggt cgttcggctg cggcgagcgg tatcagctca ctcaaaggcg gtaatacggt tatccacaga atcaggggat aacgcaggaa agaacatgtg
2101  agcaaaaggc cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgtttttcca taggctccgc cccctgacg agcatcacaa aaatcgacgc
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> RDC0669 Translated Insert Sequence

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 201  cvavwfisii issptfifnk kyelqdrdvc epryrsvsep itwkllgmgl elffgfftpl lfmvfcylfi iktlvqaqns krhrairvvi avvlvflacq
 301  iphnmvllvt avntgkvgrs cstekvlayt rnvaevlafl hcclnpvlya figqkfrnyf mkimkdvwcm rrknkmpgfl carvysesyi srqtsetven
 401  dnassftm
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