

Specifications:

Gene:	rCCR6
Accession:	NP_001013163
Insert size:	1114bp
Concentration:	10µg at 0.2µg/µL

rCCR6 cDNA Plasmid

Ccr6 chemokine (C-C motif) receptor 6 [*Rattus norvegicus*]

Also known as: MGC108876

Summary:

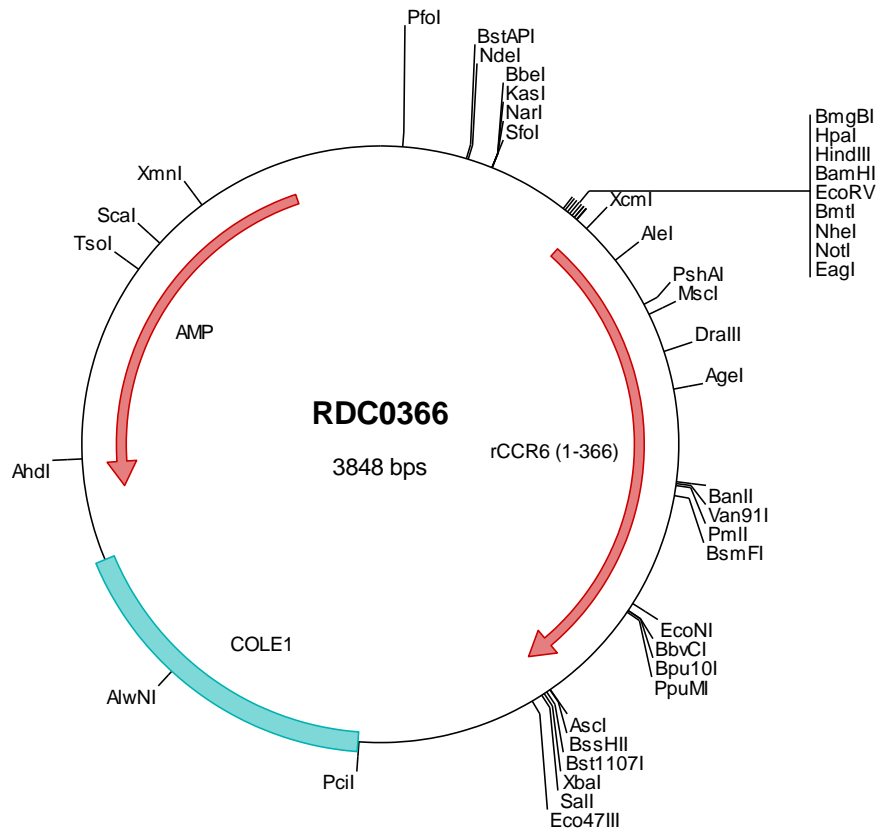
CCR6 encodes a member of the beta chemokine receptor family. This seven transmembrane protein is part of the G protein-coupled receptor superfamily. CCR6 is preferentially expressed by immature dendritic cells and memory T-cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). In humans, CCR6 has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T-cells during inflammatory and immunological responses.

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.





> RDC0366 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcgggcc tcttcctat
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> RDC0366 Translated Insert Sequence

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201 wkllgmglel lfgffipllf mvficylfiik tlvqagnskr hrairvviav vlvlacqip hnmvllvtaa ntgkmgrscs aekalayarn vaevlafllhc
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