

Specifications:

Gene:	mCCR5
Accession:	AAC52454
Insert size:	1078bp
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.

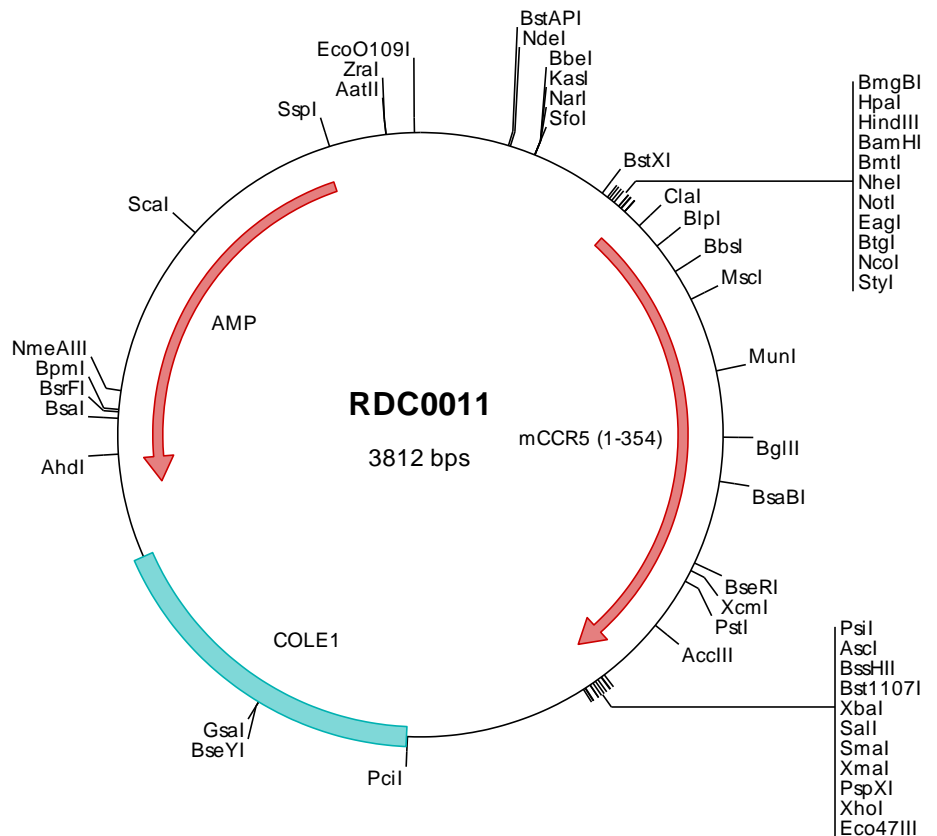
mCCR5 cDNA Plasmid

Ccr5 chemokine (C-C motif) receptor 5 [*Mus musculus*]

Also known as: AM4-7; CD195; Cmkbr5

Summary:

CCR5 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds MIP1 α , and MIP1 β and RANTES. CCR5 transduces a signal by increasing the intracellular calcium ion level. It interacts with PRAF2 and binds to CCL3/MIP-1 α and CCL4/MIP-1 β . Binding requires sulfation, O-glycosylation and sialic acid modifications. It may play a role in the control of granulocytic lineage proliferation or differentiation.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0011 Plasmid DNA Sequence

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> RDC0011 Translated Insert Sequence

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