

Specifications:

Gene:	mCB1R/CNR1
Accession:	NP_031752
Insert size:	1435bp
Concentration:	10µg at 0.2µg/µL

mCB1R/CNR1 cDNA Plasmid

Cnr1 cannabinoid receptor 1 (brain) [*Mus musculus*]

Also known as: CB1; CB-R; CB1R

Summary:

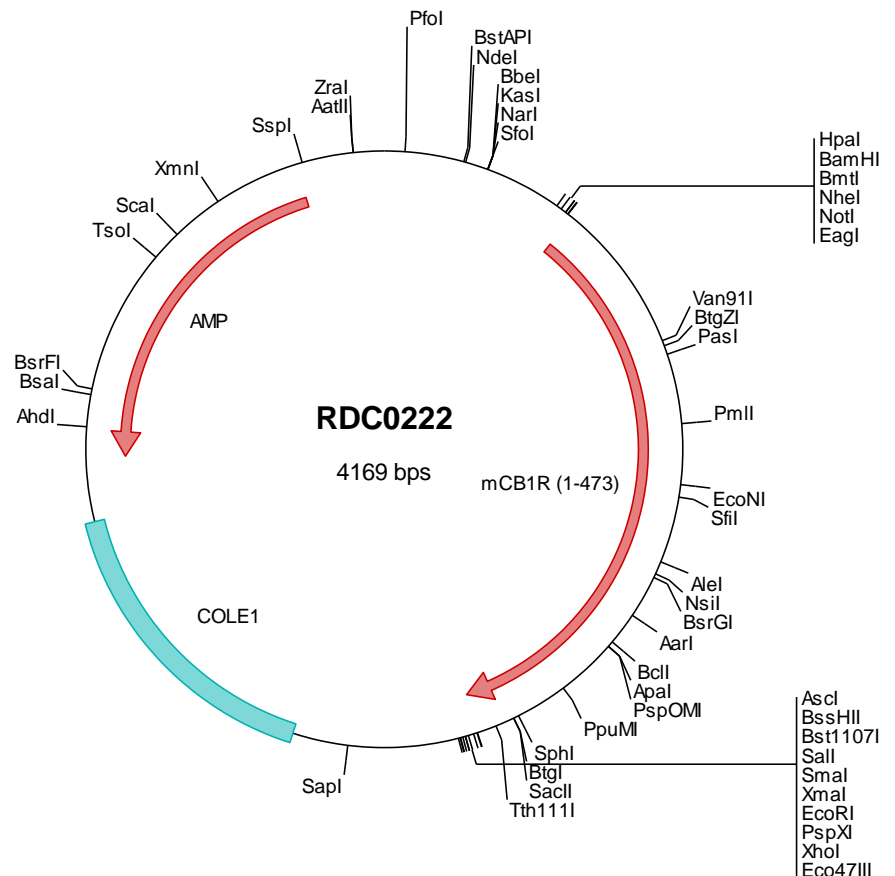
CB1R is one of two cannabinoid receptors that belong to the family of G protein-coupled receptors, class A. CB1R is expressed in the central nervous system and upper GI tract, in contrast to CB2R which is expressed by hematopoietic cells. CB1R mediates the behavioral and gut motility effects of cannabinoids. CB1R has been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana.

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.





> RDC0222 Plasmid DNA Sequence

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> RDC0222 Translated Insert Sequence

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