

Specifications:

Gene:	mCCKBR
Accession:	NP_031653
Insert size:	1375bp
Concentration:	10µg at 0.2µg/µL

mCCKBR cDNA Plasmid

Cckbr cholecystinin B receptor
[*Mus musculus*]

Also known as: CCK2R; CCKR-2

Summary:

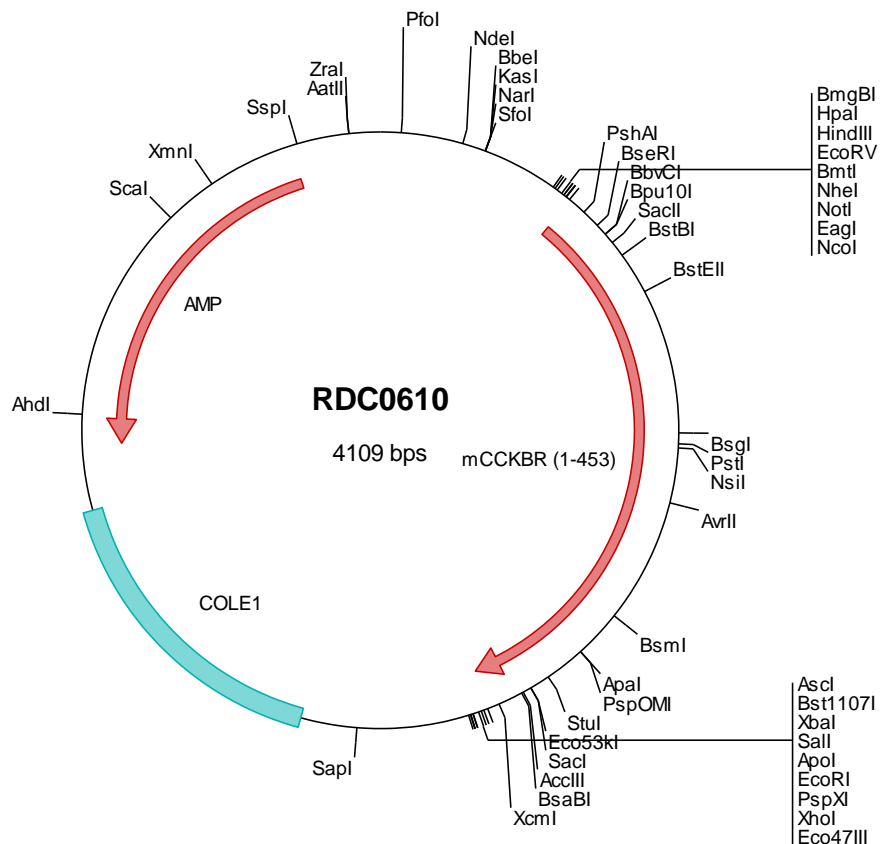
CCKBR is a G protein-coupled receptor for gastrin and cholecystinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This type B gastrin receptor has a high affinity for both sulfated and nonsulfated CCK analogs. It is expressed in the central nervous system and the gastrointestinal tract. A misspliced transcript variant has been observed in cells from colorectal and pancreatic tumors.

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.





> RDC0610 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca 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
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> RDC0610 Translated Insert Sequence

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201 rilqcmhlwp servqgmwsv lllillffip gvvmavaygl isrelylglr fdgndsetq srvrnggglp gaaaapgvh qnggcrhvts ltgedsdgcy
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401 rfrfqacltd carccprpr arppplded pptpsiasls rlsyttistl gpg