

## Specifications:

Gene:	hCCKBR
Accession:	NP_795344
Insert size:	1357bp
Concentration:	10µg at 0.2µg/µL

## hCCKBR cDNA Plasmid

### CCKBR cholecystokinin B receptor [ *Homo sapiens* ]

**Also known as:** GASR; CCK-B;  
CCK2R

#### Summary:

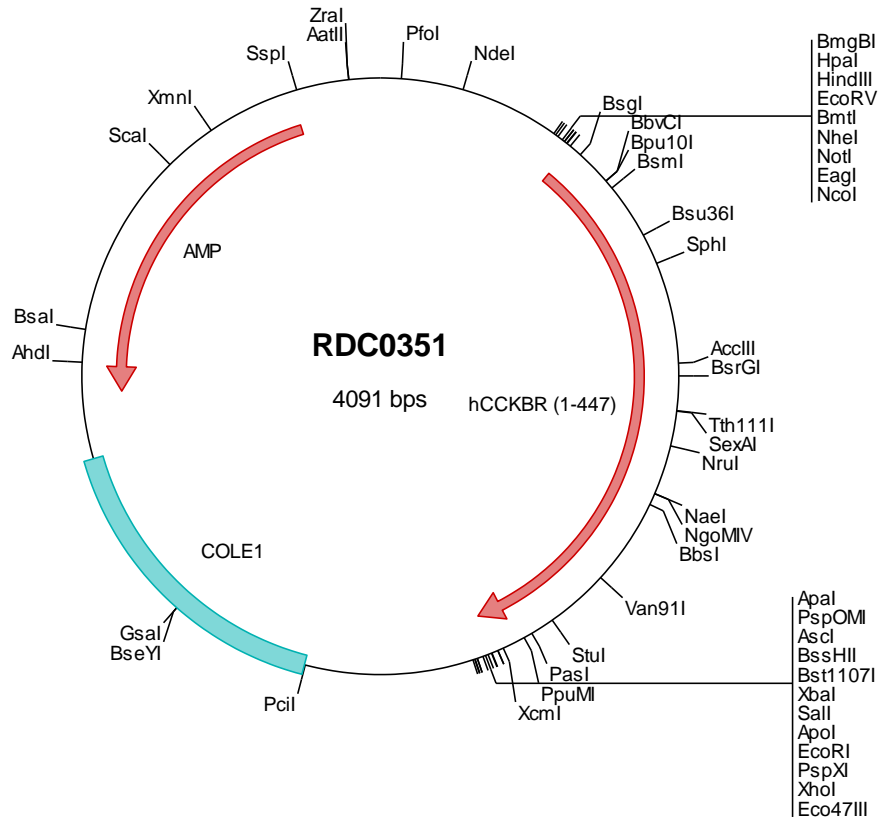
CCKBR is a G protein-coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated CCK analogs and is found principally in the central nervous system and the gastrointestinal tract. A misspliced transcript variant, including an intron, 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0351 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tecggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgcc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgccc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccagggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggagctgc taaagctgaa ccggagcgtg cagggaaccg gaccggggcc
501 gggggcttcc ctgtgcgcc cggggcgccc tctctcaac agcagcagtg tgggcaacct cagctgcgag cccctcgca ttcgcgagc cgggacacga
601 gaattggagc tggcoattag aatcaactct taocagtgta tottctgat gagcgttggg ggaatatgc tcaatcctgt ggtctggga ctgagcggcc
701 gectgaggac tgtcaacaat gccttctctc tetcactggc agtcagcgac ctctctgtg ctgtggtctg catgccttc accctctgc ccaatctcat
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1901 ccgctcacia ttccacacia catacagacc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gtaactcac attaatgctg ttgcgctcac
2001 tgcccgcttt ccagtcggga aaactgtcgt gccagctgca ttaatgaatc ggcccaacgg cggggagagg cggtttgcgt attgggcgct cttccgcttc
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> RDC0351 Translated Insert Sequence

1 mellklnrsv ggtgpgpgas lcrpgaplln sssvgnlsc epprirgagr elelairitl yaviflmsvg gnmlivvlv lsrrlrvtvn aflslavsd
101 lllavacmpf tilplnimgtf ifgtvickav sylmgvsvsv stlslvaial erysaicrpl qarvwqtrsh aarvivatw1 lsgllmvpyp vytvvpvpgp
201 rvlqcvhrwp sarvrqtswv llllllffip gvvmavayl isrelylglr fdgdsdsdsq srvrnqgglp gavhqngrcr petgavgeds dgcyvlprp
301 rpaleltalt apgpgsgsrp tqakllakkr vvrmliviv lfflwlvpvy santwrafdg pgahralsga pisfihllsy asacvnplvy cfmhrrfrqa
401 cletcarccp rprprarpral pdedpptsipi aslrslytt istlpgg