

## Specifications:

Gene:	mCCKAR
Accession:	NP_033957
Insert size:	1324bp
Concentration:	10µg at 0.2µg/µL

## mCCK-AR cDNA Plasmid

Cckar cholecystokinin A receptor  
[ *Mus musculus* (house mouse) ]

Also known as: AW106902; CCK-AR

### Summary:

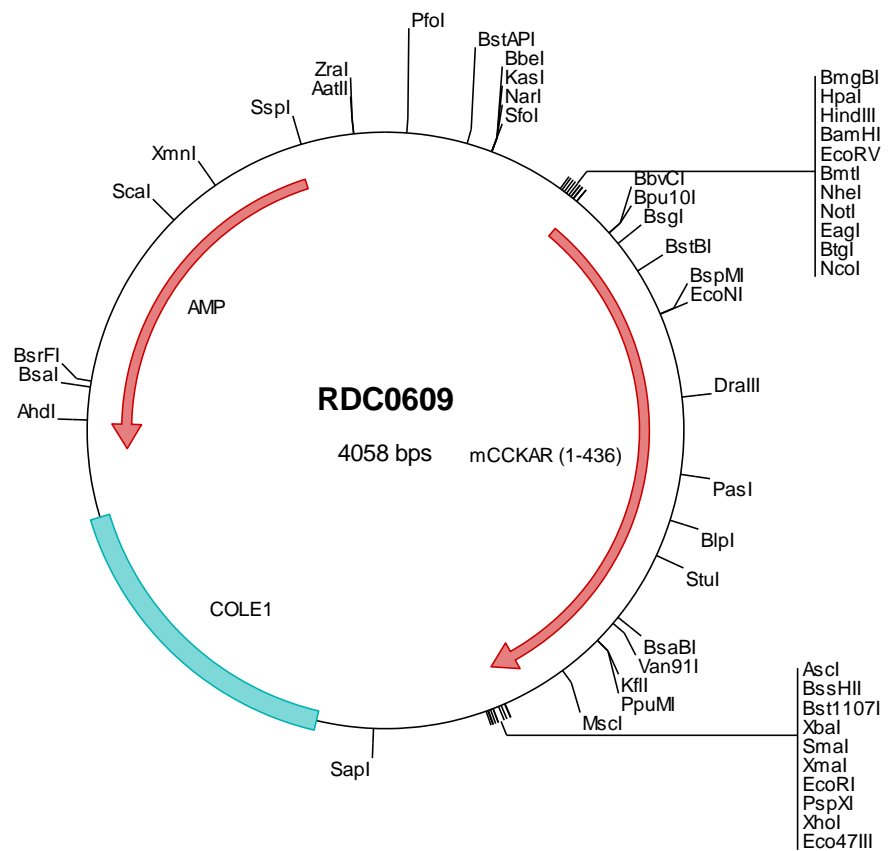
CCKAR is an estrogen receptor alpha (ERalpha) downstream gene in the pituitary. CCKAR mediates the sensitizing effect of estrogen in GnRH-induced LH secretion. CCKAR may play a role in the estrogen sensitization of the pituitary response to GnRH. In the cycling mouse pituitary, the expression of CCKAR is markedly higher in the afternoon of proestrus compared with metestrus.

## 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.





> RDC0609 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaactcccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taacggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgctc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tctgtagcgc gggcgcacc atggatgtgg tcgacagcct tcttatgaat gggagcaaca tcaactcccc
501 ctgtgaaact gggctggaaa atgagacgct tttctgcctg gatacaacct agccttcaaa agaattggcag tctgcagtgc agattctcct gtaactcttc
601 atattctctc tcagtgtgct ggggaaacac ctggttataca cgggtctgat tcgaaacaag aggatgcgga ctgtcaccaa catctctctg ctgtccctgg
701 ctgtcaagtga cctcatgctt tgcctctctt gcatgcccgt caacctcacc ccaacctgc tcaaggattt catcttcgga agtgccgtgt gcaagactac
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1501 gccgagaaac acctctcagc gaacccatcc tctctctctc tctctctctc tcaacctctc tctgtgtgca accccattat ctactgtctc atgaaacaaac
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1901 agcataaagt gtaaaagcct ggttgccctc tgagtgcctc aactcacatt aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtctgtgc
2001 agctgcatta atgaatcggc caacgcggcg ggagagcggc tttgcgtatt gggcgcctct ccgcttctcc gctcactgac tccgtcgcct cggctgttcc
2101 gctcgcggca gcggtatcag ctcaactcaa ggcggtatac cggttatcca cagaatcagg ggataacgca ggaaagaaca tgtgagcaaa agccagcaa
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3901 ttgtctcatg agcggataca tatttgaatg tatttagaaa aataacaaa taggggttcc gcgcacattt ccccgaagg tgccacctga cgtctaagaa
4001 accattatta tcatgacatt aacctataa aataggcgta tcacagggcc ctttctgc

> RDC0609 Translated Insert Sequence

1 mdvvdslmn gsnitppcel glenetlfc1 dqpqskewq savqillysf ifllsvlgnl lvtvllrnk rmrtvtnifl lslavsdml clfcmpfnli
101 pnllkdfifg savcktttyf mgtsvsvstf nlvaislery gaircplqsr vwqtkshalk viaatwclsf timtpyips nlpvftknnn qtanmcrfll
201 psdamqqsqw tflillifli pgvvmvayg lislelyggi kfdasqkksa kekrlssggg ggggssssry edsdcylqk srpprklelq qlstsssggr
301 inrirssgsa anliakkrvi rmlivivvlf flcwmpifsa nawraydtsv aekhlsgtpi sfilllsyts scvnpniycf mnkrfrlqfm atfpcppnpj
401 ptgvrgevge eedgrtiras lsrysyshms tsapph