

Product datasheet for **RN206267**

Cckbr (NM_013165) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cckbr (NM_013165) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cckbr
Synonyms:	Cck2r; Cholrec
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN206267 representing NM_013165
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGCTCAAGCTGAACCGCAGCGTGCAGGGACCAGGACCCGGGTGGGGTCTTCTTTGTGCCGCC
 CGGGTGTCTCCCTTCTCAACAGCAGTAGTGCCGGGAACCTCAGCTGTGACCCCCCTCGTATCCGCGGAAC
 CGGGACCAGAGAATTGGAGATGGCGATTAGAATCACCCCTTTATGCAGTGATCTTTCTGATGAGTGTGGC
 GGAAACGTGCTCATCATCGTGGTCTGGGACTGAGCCGACGCCTAAGAACGGTCACCAACGCCTTCTCGC
 TCTCCCTGGCAGTCAGCGACCTCTGCTGGCCGTGGCTTGCATGCCCTTCACACTCTGCCAACCTCAT
 GGGCACATTCATCTTCGGCACAGTCATCTGCAAGGCCATTTCTACCTCATGGGGGTATCAGTGAGTGT
 TCCACTCTAAATCTCGTGGCCATAGCCCTGGAGCGATACAGCGCCATCTGCCGACCCTGCAAGCACGAG
 TATGGCAAACACGCTCCACGCAGCTCGGGTATCTTAGCCACGTGGCTGCTGTCTGGACTGCTTATGGT
 ACCCTACCCTGTGTACACCATGGTACAGCCAGTGGGACCTCGAGTGTGAGTGCATGCATCGCTGGCCC
 AGTGCACGTGTCCAACAACCTGGTCCGTGCTACTGCTACTGCTTTTGTCTTCATCCCGGGTGTGGTTA
 TTGCGGTGGCCTATGGACTCATCTCCCGGAACTCTACCTAGGACTCCACTTTGATGGTGAAAATGACAG
 CGAGACCCAAAGCCGGGCCGAAACCAAGGGGGCTGCCGGTGGGGCAGCACCAGGGCCTGTCCACCAG
 AACGGGGCTGCCGGCCTGTAACCAGCGTAGTGGGGAAGACAGTGATGGCTGCTGTGTGCAACTCCGC
 GTTCCCGACTGGAGATGACAACGCTAACACACCCACTCTGGCCAGTCCCTGGCCCTCGGCCAACCA
 GGCCAAGTGTGGTAAAGACGGGTGGTGCGAATGCTGCTAGTGATTGTTTTGCTTTTCTTCTGTGT
 TGGCTGCCAGTGTACAGCGTCAACACGTGGCGCCCTTCGATGGCCAGGCGCACAAACGACTCTCAG
 GGGCCCTATCTTTTCATCCACTTGTGAGTACGTCTCTGCTTGTGTCAACCCCTGGTCTACTGTTT
 CATGCACCGCCGCTTCCGCCAGGCTGGACACATGTGCCCGCTGTTGCCACGCCCTCCACGAGCT
 CGCCACAGCCTTCCAGATGAGGATCCTCCTACCCCTCCATCGCTTCTGCTGTCCAGGCTAAGCTATA
 CCACCATCAGCAGTGGGGCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013165

Insert Size: 1359 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_013165.2](#), [NP_037297.1](#)

RefSeq Size: 2152 bp

RefSeq ORF: 1359 bp

Locus ID: 25706

UniProt ID: [P30553](#)

Cytogenetics: 1q32

Gene Summary: Cholecystokinin was one of the first gastrointestinal peptides discovered in the mammalian brain. Cholecystokinin receptors are members of the G protein-coupled receptor superfamily, stimulating phosphatidylinositol turnover and intracellular calcium mobilization. This gene encodes a cholecystokinin receptor of the B subtype. These receptors occur throughout the central nervous system where they modulate anxiety, analgesia, arousal, and neuroleptic activity. [provided by RefSeq, Jul 2008]