

Product datasheet for **RR209496**

Ccng2 (NM_001105725) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccng2 (NM_001105725) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccng2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209496 representing NM_001105725
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGATTTGGGGCCGAGCACTTGGCAGTGGCGAAGGGTTTCAGCTTTTCGGATTGTTGAACCTCT
ACCTGGAACAAGAACAGAGATACCAACCTCGAGAAAAAGGCTGACCTTGATGGAGGCTACCCAGAGAA
TGATAACACTTTGTGTTCAAGACTGAGAAATGCCAAAGTTGAAGATTTAAGAAGTTAACTAACTTTTT
GGATCTGGCACTGAAACTTTTGTCTGGCTGTCAATATTTGGATAGATTCTGGCCCTGATGAAGGTGA
AGCCAAACACCTGTCTGCATTGGAGTCTGCTGCTTTTGTGTCAGCCAGACTGGCGGAGGAAGAATG
CGACATCCCCCGACGCACGACGTGATCCGGATCAGTCAGTGTAAATGCACAGCGTCTGACATCAAACGA
ATGGAGAAAATCATCTCAGAGAACTGCACTATGAGCTGGAAGCCACCACTGCCTAAACTTTTTGCACT
TGTACCACGCAATTGATTTTGCATAGTCCAGAGAGGAAGGAAGTTCTGAGCCTCGATAAACTGGAAGC
TCAGCTGAAAGCTTGCACTGCCGGCTGTCTTTCAAAGCAAACCATCTGTATTAGCTCTGTGCCTT
CTCAATTTGAAATAGAAACAATAAAATCCGTTGAACTGCTGGAATTCTCCTGCTTGTAAAAAACATT
TGAAGATCAGCGACACTGAATCTTTACTGGAGGGAAGTGGTTTCTAAATGCCTCGCTGAATACTCTTC
TCCCCACTGCTGCAAGCCTGACCTGAAGAAGCTGGTTTGGATTGTTTCTGGCGCACTGCCAGAGCCTC
CACAACAGCTACTACAGTGTTCCCGAGCTGCCACCATCCCGAGGGGGGCTGCTTTGATGGGAGTGAGA
GTGAGGACTCTGGTGAAGACATGAGCTGTGGAGAGGAGAGTCTGAGCAGCTCCCCTCCGAGTGATCAGGA
ATGCACCTTCTTCTTACTTCCAGGTGGCTCAGACACTGTGCTTTCCACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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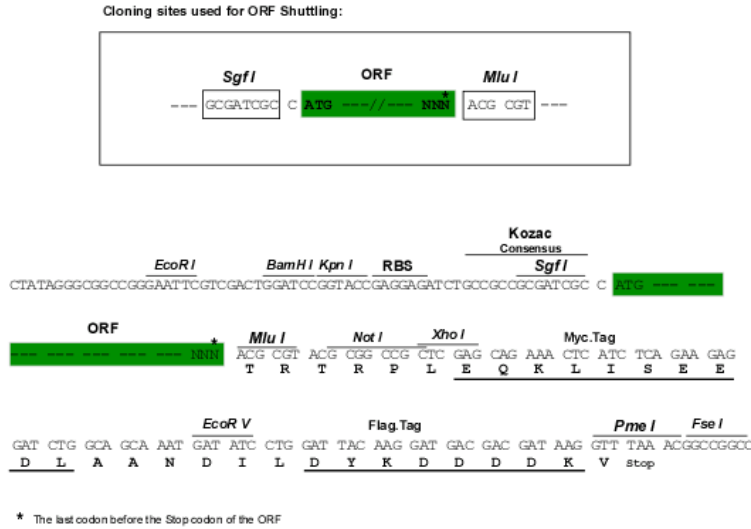
Protein Sequence: >RR209496 representing NM_001105725
 Red=Cloning site Green=Tags(s)

MKDLGAEHLGAGGEGVQLFGLLNFYLEQEQRYPREKGLTLMEATPENDNTLCSRLRNAKVEDLRSLTNFF
 GSGTETFVLAVNILDRFLALMKVKPKHLSCIGVCCFLAARLAEEEDIPPTHVIRISQCKCTASDIKR
 MEKIISEKLYHELEATTALNFLHLHYHAIVFCHSPERKEVLSLDKLEAQLKACNCRLVFSKAKPSVLALCL
 LNLEIETIKSVELLEILLLVKHLKISDTEFFYWRELVSKCLAEYSSPHCCKPDLKLVIVSRRTAQLS
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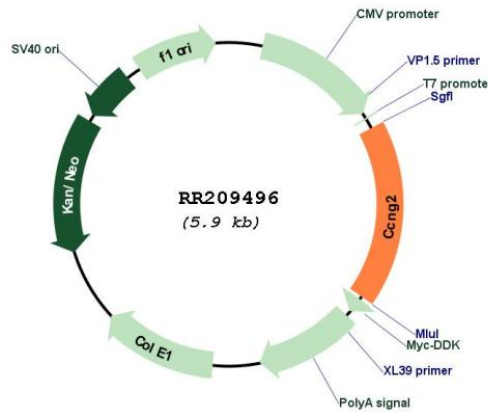
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001105725

ORF Size:	1032 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001105725.2 , NP_001099195.1
RefSeq Size:	2506 bp
RefSeq ORF:	1035 bp
Locus ID:	29157
Cytogenetics:	14p22
MW:	38.8 kDa