

Product datasheet for **RR213657**

Ccne2 (NM_001108656) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccne2 (NM_001108656) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccne2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213657 representing NM_001108656
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAGACGCGAGTAGCCGTTTACAAGCTAAGCAGCAGCATGCCCGGCCCAACCAGCCAGACTCTCCAC
AAGAAGCCAGATAATTCAGGCCAAGAAGAGAAAAACAGCACAGGATGTCAAAAAAGAACAGAGGAGAT
CACCAAGAAGCATCAGTATGAGATTAGGAATTGTTGCCACCTGTACTGTCTGGAGGAATCAGTCCCTGC
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AAAATCTTTTTATTAATCCCTCACCTCTGCCAGACTTAAGCTGGGCATGTTACAGGAGGTTTGGAAAA
CATGCTACAAAAGGAAAGCAGATACGTGCATGACAAACATTTTGAAGTTCTGCATTCTGACCTGGAACCA
CAAATGAGGTCAATACTTTAGACTGGCTTTTAGAGGTCTGTGAAGTATATACTTTCATAGGGAACAT
TTTACCTTGCCCAAGACTTTTTGACAGATTTATGTTGACACAAAAGGATGTAATAAAAAATATGCTTCA
ACTCATTGGGATTACCTCATTGTTCACTTCCAACTTGAGGAAATCTACGCTCCAAGCTCCAAGAG
TTTGCTTATGCTACTGATGGTCTTGCAGTGAAGTAGATATCTTAAAGATGGAAGTCAATATATTAAGG
CTTTAAATGGGAACCTTTGTCCAGTAACAGTCATTTCTGGTTGAATCTTTTTCTCCAAGTTGATGCTGT
TAAAGACATTCTAAGGTTCTTCTACCTCAGTATTCTCAGGAGAGGTTTATCCAATAGCTCAGCTTTTA
GATCTGTGCATTCTAGCCATTGACTCTTTAGAATTTCAATACAGAATTCTGGCCGCCGCTGCCTTATGCC
ATTTTACTTCCATCGAAGTGGTTAAGAAAGCTTCAAGTTTGAATGGGATGACATCTCAGAATGTGTAGA
CTGGATGGTGCCTTTTGTGAGTGTGTAAGAAAGTGAAGTCCAGTGAAGCTGAAGACTTTTAAAGAAGATA
CCCATGGAGGACAGACAAATATCCAGACACACAAATTAAGTGGCTTTGCTGAATGAAGTAACTATG
TGAACATCTTCAGAAAAGGAGGGCAGTTGTCACCAGTGTGTAATGGAGGCATTATGACACCACCGAAGAG
CACTGAGAAAACCCAGTAAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213657 representing NM_001108656
 Red=Cloning site Green=Tags(s)

MSRRSSRLQAKQQHARPNDPSPQEAQIIQAKKRKTAQDVKKRTEEITKKHQYEIRNCWPPVLSGGISPC
 IIIETPHKEIGTSDFSRFTNYRFKNLFINPSPLPDLWACSQEVWQNLQKESRYVHDKHFEVLHSDLEP
 QMRSILLDWLLEVEVYTLHRETFYLAQDFDFRMLTQKDVNKNMLQLIGITSLFIASKLEEIYAPKLQE
 FAYVTDGACSEVDILKMELNILKALKWELCPVTVISWLNLFQVDAVKDIPKVLPLPQYSQETFIIQIAQLL
 DLCILAIIDSLEFYRILAAAALCHFTSIEVVKKASGLEWDDISECVDWMVPFVSVVKSVSPVKLKTFKKI
 PMEDRHNIQHTHTNYLALLNEVNYNIFRKGQQLSPVCNGGIMTPPKSTEKPPVKF

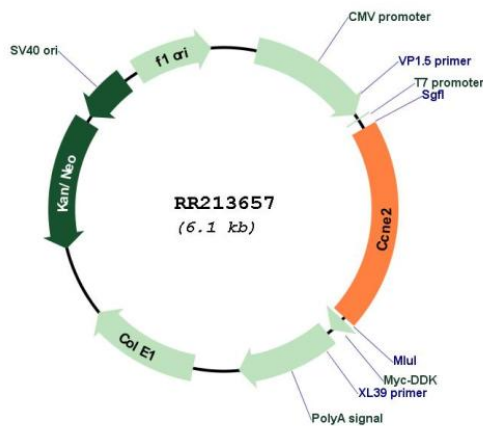
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108656

ORF Size:	1215 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_001108656.1 , NP_001102126.1
RefSeq Size:	3027 bp
RefSeq ORF:	1218 bp
Locus ID:	362485
Cytogenetics:	5q13
MW:	46.8 kDa