

Product datasheet for **MR206360**

Ccne2 (NM_001037134) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccne2 (NM_001037134) Mouse 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: >MR206360 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAGACGCAGCCGTTTACAAGCTAAGCAACATGCCAGCCCAACCAGCCAGACTCTCCGCAAGAAA
CCCAGATAATTCAGGCCAAGAAGAGAAAAACAGCACAGGATGTCAAAAAAGAAAAGAGGAGATCACCAA
GAAGCATCAGTATGAGATTAGGAATTGTTGCCACCTGTACTGTCTGGAGGAATCAGCCCTGCATTATC
ATTGAAACACCCATAAAGAAATAGGAACAAGTGACTTCTCTAGATTTACAAATTACAGATTTAAAAATC
TTTTTATTAATCCCTCACCTCTGCCAGATTTAAGCTGGGCATGTTACAGGAGGTTTGGCAAAACATGTT
ACAAAAGGAAAACAGATACGTGCATGACAAACATTTTCAAGTTCTGCATTCTGACCTGGAACCACAGATG
AGGTCAATACTTTTAGACTGGCTTTTAGAGTTTGTGAAGTATACACTTTCATAGGGAGACATTTTACC
TTGCCAAGACTTTTTGACAGATTTATGTTGACACAAAAGGATGTAATAAAAAATGCCTCAACTCAT
TGGGATTACCTCATTGTTTCATTGCTTCCAACTTGAGGAAATCTACGCTCCTAACTCCAAGAGTTTGTCT
TACGCTCACTGATGGTGTTCAGTGAAGTAGATATCTTAAAGGTGGAACCAATATATTAAGGCTTTAA
AATGGGAACCTTTGTCCAGTAACAGTCATCTCCTGGTTGAATCTTTTTCTCAAGTTGATGCTGTTAAGA
TGTTCTAAGGTTCTTCTGCCTCAATATCTCAGGAGACGTTCCATCCAGATAGCTCAGCTTTTAGATCTG
TGCACTTAGCCATCGACTCTTTAGAATTTCAATACAGAATTCCTGGTTGCTGCCGCTTATGTCATTTTA
CCTCCATTGAAGTGGTTAAGAAAGCTTCAGGTTTGAATGGGATGACATCTCGGAATGTGTAGACTGGAT
GGTGCCTTTTGTAGTGTGTAAAAAGTGTGAGTCCAGTGAAGCTGAAGACTTTTAAAGAGATACCCATG
GAAGATAGACACAATATCCAGACACACAAAATATTTGGCTTTGCTGAATGAAGTAAACTATGTGAACA
TCTACAGAAAAGGAGGGCAGCTGTACCAGTGTGAATGGAGGCATTATGACACCACCAAGAGTACTGA
AAAACCACCGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206360 protein sequence
Red=Cloning site Green=Tags(s)

MSRRSRLQAKQHAQPNQPDSPQETQIIQAKKRKTAQDVKKRKEEITKKHQYEIRNCWPPVLSGGISPCII
 IETPHKEIGTSDFSRFTNYRFKNLFINPSPLDLSWACSQEVWQNMLQKENRYVHDKHFQVLHSDLEPQM
 RSILLDWLLEVCEVYTLHRETFYLAQDFDFRMLTQKDVNKNMPQLIGITSLFIAASKLEEIYAPKLQEFA
 YVTDGACSEVDILKVELNILKALKWELCPVTVISWLNFLQVDAVKDVPKVLPLPQYSQETFQIAQLLDL
 CILAI DSLEFQYRILVAAALCHF TSI EVVKASGLEWDDI SECVDWMVPFVSVVKSVSPVKLKTFFKKIPM
 EDRHNIQTHTNYLALLNEVNYVNIYRKGGLSPVCNGGIMTPPKSTKPPGKH

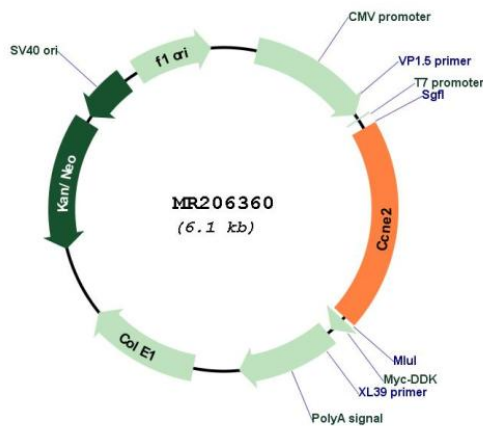
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037134

ORF Size:	1212 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_001037134.1 , NM_001037134.2 , NP_001032211.1
RefSeq Size:	3113 bp
RefSeq ORF:	1215 bp
Locus ID:	12448
UniProt ID:	Q9Z238
Cytogenetics:	4 A1
MW:	46.6 kDa
Gene Summary:	Essential for the control of the cell cycle at the late G1 and early S phase.[UniProtKB/Swiss-Prot Function]