

Product datasheet for MR223497

Ccne2 (NM_009830) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccne2 (NM_009830) 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:	>MR223497 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAGACGCAGCCGTTTACAAGCTAAGCAACATGCCAGCCCAACCAGCCAGACTCTCCGCAAGAAA
CCCAGATAATTCAGGCCAAGAAGAGAAAAACAGCACAGGATGTCAAAAAAGAAAAGAGGAGATCACCAA
GAAGCATCAGTATGAGATTAGGAATTGTTGCCACCTGTACTGTCTGGAGGAATCAGCCCTGCATTATC
ATTGAAACACCCATAAAGAAATAGGAACAAGTGACTTCTCTAGATTTACAAATTACAGATTTAAAAATC
TTTTTATTAATCCCTCACCTCTGCCAGATTTAAGCTGGGCATGTTACAGGAGGTTTGGCAAAACATGTT
ACAAAAGGAAAACAGATACGTGCATGACAAACATTTTCAAGTTCTGCATTCTGACCTGGAACCACAGATG
AGGTCAATACTTTTAGACTGGCTTTTAGAGTTTGTGAAGTATACACTTTCATAGGGAGACATTTTACC
TTGCCAAGACTTTTTGACAGATTTATGTTGACACAAAAGGATGTAATAAAAAATGCTTCAACTCAT
TGGGATTACCTCATTGTTGCTTCCAACTTGAGGAAATCTACGCTCCTAACTCCAAGAGTTTGTCT
TACGCTCACTGATGGTGTGTCAGTGAAGTAGATATCTTAAAGATGGAACCAATATATTAAGGCTTTAA
AATGGGAACCTTTGTCCAGTAACAGTCATCTCCTGGTTGAATCTTTTTCTCAAGTTGATGCTGTTAAGA
TGTTCTAAGGTTCTTCTACCTCAATATTCTCAGGAGACGTTTCATCCAGATAGCTCAGCTTTTAGATCTG
TGCACTTAGCCATCGACTCTTTAGAATTTCAATACAGAATTCTGGCTGCTGCCGCTTATGTCATTTTA
CCTCCATTGAAGTGGTTAAGAAAGCTTCAGGTTTGAATGGGATGACATCTCGGAATGTGTAGACTGGAT
GGTGCCTTTTGTAGTGTGTAAGGAGTGTGAGTCCAGTGAAGCTGAAGACTTTTAAAGAGATACCCATG
GAAGATAGACACAATATCCAGACACACAAAATATTTGGCTTTGCTGAATGAAGTAAACTATGTGAACA
TCTACAGAAAAGGAGGGCAGCTGTACCAGTGTGAATGGAGGCATTATGACACCACCAAGAGTACTGA
AAAACCACCGAAAAACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223497 protein sequence
 Red=Cloning site Green=Tags(s)

MSRRSRLQAKQHAQPNQPDSPQETQIIQAKKRKTAQDVKKRKEEITKKHQYEIRNCWPPVLSGGISPCII
 IETPHKEIGTSDFSRFTNYRFKNLFINPSPLDLSWACSQEVWQNLQKENRYVHDKHFQVLHSDLEPQM
 RSILLDWLLEVCEVYTLHRETFYLAQDFDFRMLTQKDVNKNMLQLIGITSLFIAASKLEEIYAPKLQEF
 YVTDGACSEVDILKMELNILKALKWELCPVTVISWLNFLQVDAVKDVPKVLPLPQYSQETFQIAQLLDL
 CILAI DSLEFQYRILAAAALCHFTSIEVVKASGLEWDDISECDWMVPFVSVVKSVPVKLKTFFKKIPM
 EDRHNIQTHTNYLALLNEVNYVNIYRKGGLSPVCNGGIMTPPKSTEKPPGKH

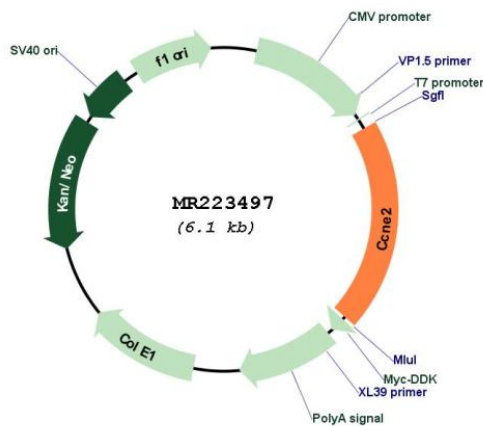
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_009830

ORF Size:	1209 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_009830.3 , NP_033960.1
RefSeq Size:	3023 bp
RefSeq ORF:	1212 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]