

Product datasheet for MC227519

Ccne2 (NM_001282943) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccne2 (NM_001282943) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccne2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227519 representing NM_001282943 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAAGACGCAGTAGCCGTTTACAAGCTAAGCAACATGCCAGCCCAACCAGCCAGACTCTCCGCAAG
AAACCCAGATAATTCAGGCCAAGAAGAGAAAAACAGCACAGGATGTCAAAAAAGAAAAGAGGAGATCAC
CAAGAAGCATCAGTATGAGATTAGGAATTGTTGGCCACCTGTACTGTCTGGAGGAATCAGCCCTTGCAAT
ATCATTGAAACACCCCATAAAGAAATAGGAACAAGTGACTTCTCTAGATTTACAAATTACAGATTTAAAA
ATCTTTTTTATTAATCCCTCACCTCTGCCAGATTTAAGCTGGGCATGTTTACAGGAGGTTTGGCAAAACAT
GTTACAAAAGGAAAACAGATACGTGCATGACAAACATTTTCAAGTTCTGCATTCTGACCTGGAACACAG
ATGAGGTCAATACTTTTAGACTGGCTTTTAGAGGTTTGTGAAGTATACACTCTTCATAGGGAGACATTTT
ACCTTGCCCAAGACTTTTTGACAGATTTATGTTGACACAAAAGGATGTAATAAAAAATGCTTCAACT
CATTGGGATTACCTCATTGTTTCTTCCAACTTGAGGAAATCTACGCTCCTAACTCCAAGAGTTT
GCTTACGTCAGTATGGTCTTGCAGTGAAGTAGATATCTTAAAGATGGAACCAATATATTAAGGCTT
TAAAATGGGAACTTGTCCAGTAACAGTCATCTCCTGGTTGAATCTTTTTCTTCAAGTTGATGCTGTTAA
AGATGTTCTTAAGTTCTTCTACCTCAATATTCTCAGGAGACGTTTCATCCAGATAGCTCAGCTTTTATAGT
CTGTGCATTCTAGCCATCGACTCTTTAGAATTTCAATACAGAATTCCTGGCTGCTGCCGCTTATGTCATT
TTACCTCCATTGAAGTGGTTAAGAAAGCTTCAGGTTTGAATGGGATGACATCTCGGAATGTGTAGACTG
GATGGTGCCTTTTGTAGTGTGTAAGAAAGTGTGAGTCCAGTGAAGCTGAAAGCTTTTAAAGAAGATACCC
ATGGAAGATAGACACAATATCCAGACACACAAAATTTTGGCTTTGCTGAATGAAGTAAACTATGTGA
ACATCTACAGAAAAGGAGGGCAGCTGTCCACAGTGTGAATGGAGGCATTATGACACCACCAAGAGTAC
TGA AAAACCACCGAGAAAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001282943
Insert Size:	1215 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001282943.1, NP_001269872.1</u>
RefSeq Size:	3026 bp
RefSeq ORF:	1215 bp
Locus ID:	12448
UniProt ID:	<u>Q9Z238</u>
Cytogenetics:	4 A1
Gene Summary:	Essential for the control of the cell cycle at the late G1 and early S phase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 and 3 encode the same isoform (1).