

Product datasheet for RR201927

Ccne1 (NM_001100821) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccne1 (NM_001100821) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccne1
Synonyms:	Ccne; CYCLE
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR201927 representing NM_001100821 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAAGGGAGAGGAAGGAGAGAGACTCGAAGGACCACAGCAACATGAAAGAAGAAGGTGGCTCCGACC
TCTCAGTCCGATCCAGAAAAAGGAAGGCAAATGTGGCCGTTTTTTTGAAGATCCGGATGAAGAAATTGC
CAAGATTGACAAGACTGTGAAAAGCCAGGATAGCAGTCAGCCTTGGGATGATGATTACAGCGTGCGTGGAC
CCCTGCTCTTTTACATCCCCACCCCTAACAAAGAAGAGGACAATGAGCTTGAGTACCCCAAGACTGCATTTT
AGCCTCGGAAAATCAGACCGCCCAGAGCCTCCCACTTCCCGTCTTGAATTGGGGCAATAGAGAAGAGGT
CTGGAGGATCATGTAAACAAAGAGAAGACTTACCTGAGAGATGAGCACTTTCTGACGCGCCACCCTCTC
CTGCAGGCGAGGATGAGAGCAGTTCTTCTGGACTGGCTGATGGAGGTGTGTGAAGTCTATAAGCTCCACA
GAGAGACATTCTACTTGGCACAGGACTTCTTTGATCGTTACATGGCATCACACAGAATATCATAAAAAAC
ACTTTTACAGCTTATTGGGATTTTCCAGCCTATTTATTGCTTCTAACTTGAGGAAATCTACCCTCCAAAG
TTGCACCAGTTTGCTTATGTTACTGATGGTGTGCTCCGGGGATGAAATTTTACCATGGAAGTATGATGA
TGATGAAGGCCCTTAAGTGGCGTTTAAAGCCCCTGACCATTTGTGCTCCTGGCTGAATGTTTTATGTCCAAGT
GGCCTACGTCAACGACACGGGAGAAGTGTGATGCCTCAGTACCCACAGCAGGTCTTCGTGCAGATCGCA
GAGCTTTTAGACCTGTGCGTCTGGATGTTGGCTGCTTAGAATTTCTTATGGTGTCTCCTCGCTGCTTCTG
CTTTGTATCATTTTTCTCGTTGGAGTTGATGCAGAAGGTCTCAGGTTATCAGTGGTGTGATATAGAGAA
GTGTGTCAAGTGGATGGTTCCATTCGCCATGGTTATCCGGGAGATGGGAAGTTTCAAGCTCAAGCACTTC
CGGGGAGTTCCCATGGAAGACTCCACAACATCCAGACCCACACCAACAGCTTGGACTTGTGGACAAAAG
CCCAAGCAAAGAAAGCCATATTGTCAGAACAAAATAGGATTTCTCCTCCTCCGAGTGGGGTCTGACACC
CCCACACAGCAGTAAGAAGCAGAGCAGTGAGCAGGAGACAGAACCACACAGCAGTAAGAAGCAGAGCAG
TGAGCAGGAGACAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR201927 representing NM_001100821
 Red=Cloning site Green=Tags(s)

MPREKERDSDKHNSMKEEGSDLSVRSRKRKANVAVFLQDPDEEIAKIDKTVKSQDSSQPWDDDSACVD
 PCSFIPTPNKEEDNELEYPKTAFQPRKIRPPRASPLPVLNWNREEVWRIMLNKEKTYLRDEHFLQRHPL
 LQARMRAVLLDWLMEVCEVYKLRHRETFYLAQDFDRYMASQQNIKTLLQLIGISALFIAASKLEEIYPPK
 LHQFAYYTDGACSGDEILTMELMMKALKWRLSPLTIVSWLNVYVQVAYVNDTGEVLMPOYPQQVFVQIA
 ELLDLCVLDVGCLEFPYGLAASALYHFSSELELMQKVSQWCDIEKCVKWMVPPFAMVIREMGSSKLFHF
 RGVPMEDSHNIQTHTNSLDLLDKAQAQKAILSEQNRISPPPSGVLTPPHSSKKQSSEQETPTQQ*EAEQ
 *AGDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

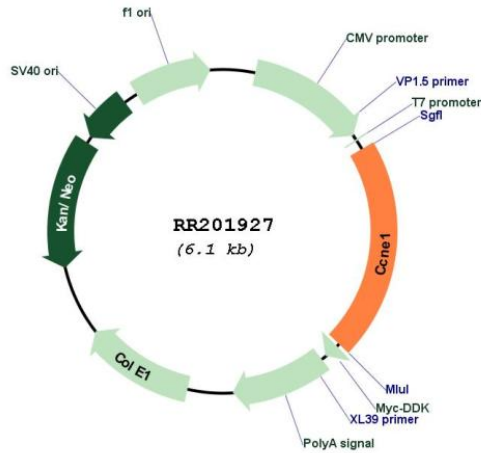
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100821

ORF Size:	1233 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 Size:	1945 bp
RefSeq ORF:	1236 bp
Locus ID:	25729
Cytogenetics:	1q21
MW:	47.4 kDa
Gene Summary:	a cyclin-like protein; may be involved in growth stimulation [RGD, Feb 2006]