

Product datasheet for **RN215416**

Ccnd2 (NM_022267) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnd2 (NM_022267) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccnd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215416 representing NM_022267 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTGCTGTGCTGTGAGGTGGACCCGGTCCGAGGGCCGTGCCGGACCGCAACCTGCTGGAAGACC
GCGTCCTGCAGAACCTGTTGACTATCGAGGAGCGCTACCTCCGCAATGTTCTATTTCAAGTGCCTGCA
GAAGGACATCCAGCCGTACATGCGCAGGATGGTGGTACCTGGATGCTAGAGGTCTGTGAGGAACAGAAG
TGTGAAGAAGAGGTCTTTCTCTGGCCATGAATTACCTGGACCGTTTCTGGCTGGAGTCCCGACTCCTA
AGACCCATCTTCAGCTCCTGGGCGCTGTGTGCATGTTCTAGCTTCCAAGCTGAAAGAGACCATCCCGCT
GACTGCGGAAAAGCTGTGTATTTACACCGACAACCTCTGTGAAGCCCGAGGAGCTGCTGGAGTGGAACTG
GTAGTGTGGGTAAGCTGAAGTGGAACTGGCCGAGTCACCCCTCACGACTTCATTGAGCACATCCTTC
GCAAGCTGCCCGAGAAAAGGAGAAGCTGTCCCTGATCCGCAAGCATGCGCAGACCTTCATCGCTCTGTG
TGCTACCGACTTCAAGTTTGCCATGTACCCGCCATCGATGATCGCAACTGGAAGCGTGGGAGCAGCCATC
TGCGGGCTTCAGCAGGACGAGGAAGTGAATGCACTCACGTGCGATGCCCTGACGGAGCTGCTGACCAAGA
TCACCCACACCGATGTGGATTGTCTCAAAGCCTGCCAGGAGCAAATCGAGGCTGTGCTGCTTAACAGCCT
TCAGCAGTTCCGTCAAGAGCAGACAACGGCTCCAAGTCTGTGGAAGATCCGGACCAAGCCACCACCCCT
ACAGACGTGCGGGATGTTGACCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022267
Insert Size:	867 bp



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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).
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_022267.1</u> , <u>NP_071603.1</u>
RefSeq Size:	1415 bp
RefSeq ORF:	867 bp
Locus ID:	64033
UniProt ID:	<u>Q04827</u>
Cytogenetics:	4q42
Gene Summary:	plays a role in the G1 to S phase transition; involved in regulation of cell proliferation [RGD, Feb 2006]