

Product datasheet for RN204043

Ccnb1 (NM_171991) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnb1 (NM_171991) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccnb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204043 representing NM_171991 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCTCAGGGTCACTAGGAACACGAAAATTAACACAGAAAATAAGGCCAAGGTGAGCATGGCAGGCG
CCAAGCGTGTGCCTGTGGCAGTTGCTGCCTCCAAACCCCTGCTGAGATCGAGAAGTCTCTGGAGACAT
TGTAATAAAGTCAGCGAACAGTCAAGAATACCCCTCAAAAAGGAAACAAAAAGTTAGTTCTGGAACA
GTTACTGTTAAAGCCCTACCAAAACCTGTGGACAAGGTGCCAGTGTGCGAACAGAGGTGGAAGTGGATG
AGCCTGAGCCTGAACCTGTTATGGAAGTAAACACTCTCCTGAGCCTATTTGGTTGATACTCCCTCTCC
AAGCCCAATGAAACATCTGGATGTGCACCTGCCGAAGAATATCTGTGTCAGGCTTTCTCCGATGTGATT
CTTGCAAGTGTGATGTAGATGCAGACGATGGTGGTGTCCAAACCTCTGTAGTGAATATGTGAAAGATA
TCTATGCTTACCTCAGACAACCTGGAGGAAGAGCAGTCAGTTAGACCAAAATACCTACTGGGTCGTGAAGT
CACTGGAACATGAGAGCCATCCTAATCGACTGGCTAATACAGGTTGAGTGAATTTGGCTGCTGCAG
GAGACCATGTACATGACTGTGTCCATTATCGATCGGTTTCATGCAGGACAGTTGTGTGCCAAGAAGATGC
TGCAGCTGGTTGGTGAACCTGCCATGTTTATTGCAAGCAAATACGAGGAGATGTACCCTCCAGAGATCGG
TGACTTCGCTTTTGTGACTAACAACACTTACACCAAGCACCAGATCAGACAGATGGAGATGAAGATTCTG
AGAGTTCTGAACTTCAGTCTGGGTCGCCCTCTGCCTCTGCACTTCTCCGTAGAGCATCTAAAATTGGAG
AGGTGATGTGGAGCAGCATACTTTGGCCAAATACCTCATGGAGCTCTCCATGCTGGACTACGACATGGT
GCATTTTGGCCCTTCTCAAATTGCAAGTGGGCTTTTGGCTTAGCCCTGAAAATCCTTGACAACGGTGAA
TGGACCAACTCTGCAGCACTACCTGTCCACACGGAGGAATCTCTGCTTCTGTGATGCAGCACCTGG
CTAAGAACATAGTCATGGTGAACCGTGGCTCACAAGCAGATGACGATCAAGAACAAGTATGCAACATC
TAAGCATGCTAAGATCAGCACTCTGGCAGAGCTGAATTTGACTAGTTTACAGATTTGTCTAAGGCCGTG
ACAAAGGCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_171991
Insert Size:	1272 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).
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_171991.3</u> , <u>NP_741988.1</u>
RefSeq Size:	3273 bp
RefSeq ORF:	1272 bp
Locus ID:	25203
UniProt ID:	<u>P30277</u>
Cytogenetics:	2q12
Gene Summary:	putative cyclin likely involved in cell cycle regulation; expressed in regenerating liver and may be involved in growth stimulation [RGD, Feb 2006]