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Product datasheet for SC202600

Cyclin B3 (CCNB3) (NM_033031) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cyclin B3 (CCNB3) (NM_033031) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CCNB3
Synonyms:	CYCB3
ACCN:	NM_033031
Insert Size:	241 bp
Insert Sequence:	>SC202600 3'UTR clone of NM_033031 The sequence shown below is from the reference sequence of NM_033031. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GATTGTGAGGCTCAGGGCCTGGTACTCTAGCAGCAGCCACAGGGCTAAGCATGCATGTTAACAGGGTAT ATTTATTCTATGTTCGAATTTGTCTTTTGATCGCTTTTATTCATTTTTCCTTTCTTTGTCTTTTCCCAA ACTGATAATGTTATAAATATTTATGTTGCTTGTTTTTATGAAAGAAAAAATATTGTCATATTTGACTAC AAATTTAATAAAAAATTAATGGTTATTGTTAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_033031.3

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Summary: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as positive regulators of cyclin-dependent kinases (CDKs), and thereby play an essential role in the control of the cell cycle. Different cyclins exhibit distinct expression and degradation patterns, which contribute to the temporal coordination of each mitotic event. Studies of similar genes in chicken and drosophila suggest that this cyclin may associate with CDC2 and CDK2 kinases, and may be required for proper spindle reorganization and restoration of the interphase nucleus. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]

Locus ID: 85417

MW: 9.4