

Product datasheet for SC116900

Cyclin C (CCNC) (NM_005190) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin C (CCNC) (NM_005190) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cyclin C
Synonyms:	CycC; hSRB11; SRB11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116900 sequence for NM_005190 edited (data generated by NextGen Sequencing)

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ATGGCAGGGAACCTTTTGGCAGAGCTCCCACTATTTGCAATGGATTTTGGATAAACAAGAT
CTGTTGAAGGAGCGCCAAAAGGATTTAAAGTTTCTCTCAGAGGAAGAATATTGGAAGTTA
CAAATATTTTTTACAAATGTTATCCAAGCATTAGGTGAACATCTTAAATTAAGACAACAA
GTTATTGCCACTGCTACGGTATATTTCAAGAGATTCTATGCCAGGTATTCTCTGAAAAGT
ATAGATCCTGTATTAATGGCTCCTACATGTGTGTTTTTGGCATCCAAAGTAGAGGAATTT
GGAGTAGTTTCAAATACAAGATTGATTGCTGCTGCTACTTCTGTATTAATAACTAGATTT
TCATATGCCTTTCAAAGGAATTTCTTATAGGATGAATCATATATTAGAATGTGAATTC
TATCTGTAGAACTAATGGATTGTTGCTTGATAGTGTATCATCCTTATAGACCTTTGCTC
CAGTATGTGCAGGACATGGGCCAAGAAGACATGTTGCTTCCCCTTGCATGGAGGATAGTG
AATGATACCTACAGAACGGATCTTTGCCTACTGTATCCTCCTTTTCATGATAGCTTTAGCT
TGCCATACATGTAGCCTGTGTTGTACAGCAGAAAGATGCCAGGCAATGGTTTGCTGAGCTT
TCTGTGGATATGGAAAAGATTTTGGAAATAATCAGGGTATTTTAAAACTATATGAGCAG
TGAAGAATTTTCGATGAGAGAAAAGAGATGGCAACCATTTAGTAAAGATGCCAAAACCA
AAACCACCTCCAAACAGTGAAGGAGAGCAGGGTCCAAATGGAAGTCAGAACTCTAGCTAC
AGCCAATCTTAA

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Clone variation with respect to NM_005190.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005190 unedited</p> <p>TACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGATCGAGGAGCGCGTTACCG GACGGGCTGGGTCTATGGTTCGCTCCGCGGGCCGCTCCGCGGCTGGTGCTTTTTATCAG GGCAAGCTGTGTTCCATGGCAGGGAACCTTTGGCAGAGCTCCCACTATTTGCAATGGATT TTGGATAAACAAGATCTGTTGAAGGAGCGCCAAAAGGATTTAAAGTTTCTCTCAGAGGAA GAATATTGGAAGTTACAAATATTTTTACAAATGTTATCCAAGCATTAGGTGAACATCTT AAATTAAGACAACAAGTTATTGCCACTGCTACGGTATATTTCAAGAGATTCTATGCCAGG TATTCTCTGAAAAGTATAGATCCTGTATTAATGGCTCCTACATGTGTGTTTTGGCATCC AAAGTAGAGGAATTTGGAGTAGTTTCAAATACAAGATTGATTGCTGCTACTTCTGTAT TTAAAACTAGATTTTCATATGCCTTTCAAAGGAATTTCTTATAGGATGAATCATATA TTAGAATGTGAATTCTATCTGTTAGAACTAATGGATTGTTGCTTGATAGTGTATCATCCT TATAGACCTTTGCTCCAGTATGTGCAGGACATGGGCCAAGAAGACATGTTGCTTCCCTT GCATGGAGGATAGTGAATGATACCTACAGAACGGATCTTGCCTACTGTATCCTCCTTTC ATGATAGCTNTAGCTTGCCTACATGTAGCCTGTGTTGTACAGCAGAAAAGATGCCAGCAA ATGGTTTCTGAGCCTTCTGTGGATATGGAAAAGATTTTAAAATAATCAAGTCTATTTTA AACATATGAGCAGTGAAGAATTTTCGAGAGAGAAAAGATGCACCATTCTAGTAGAGCCAAA CCAAACCACTCCAACAGGAGAAAAGCGGTCCAATGGATCATACTT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005190 unedited</p> <p>CGCAGGTGGACACAGGCTATCGTTACCTGATGAACAGNAAAGGCACTGGAGGAAGGGCT CACAGGGCATGCCACCCGGGATCTGTTCCAGAAACAGCTATGACCGCGGCCGCAATCTAG AGTCGAGTTTTTTTTTTTTTTTTTAGGAGAAGTACTTTTATTCTTGCAGTTTTATACTA GGAAGTCAACATTTAATAAGCCATCATCCACAATTGATTAATAATGTTTAAATCCTTAAAT TGTGCATCAATATCCTATGACTCCAAATTTTATTATCACTCTCCTTCAAGTCTGAAGAA AATGATTAATTTGCTAAGTTCCACAGACAGTACAGTCCCCTGACATAACATTTAGTATG ATGTCCTACTCTCATATTAATAAAGGACAGCCAGTATCAAACCTGGCCTGAAACCTGAT TGTGTTCTGGTTCAGAAACCTGTAGTAAATCTGTAATCCACACCAAGACACAACATT AACTAGGGTGTGTATATCTTATAAAAACCTTTTACAGTAAAAATCAACATTAATAATTT TACCAAATCCAACATTTAGGTTTTTGAATCCAATTAAGCTTTCAAATGCCTGATTAGC TGTGAATTAATAATAAATAAATTCATGTAGTTTCCCAGCATTTCAAATGGTTATGGAC TATCATGTTTAAATGTCAAAGTATGCTATACATATTGCACTTTTCTGCTAGGCTGGGCT AGTATCTTCCATGGGAAGATCCTCAAACCTACTGAATAAAAATACACTTTTAAAACAATATA GGTACTTGATTAATTTCCCTGAAATTATCAACATCCTTACCAAAATCTTCCCGGATTTT GTTAAGATTTGATTTCTTAATTACAGTTGTTAAAGTTAACCTTTGGGAGGGAAAAAACC CTCTAGATTGGCCGAAATTTTAAACGTCCTTTGTGGTGCCTTAAAGAACAAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_005190
Insert Size:	2110 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:

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: [NM_005190.3](#), [NP_005181.2](#)

RefSeq Size: 2321 bp

RefSeq ORF: 852 bp

Locus ID: 892

UniProt ID: [P24863](#)

Cytogenetics: 6q16.2

Domains: CYCLIN, cyclin

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: The protein encoded by this gene is a member of the cyclin family of proteins. The encoded protein interacts with cyclin-dependent kinase 8 and induces the phosphorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene peaks in the G1 phase of the cell cycle. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).