

Product datasheet for **SC301777**

Cyclin C (CCNC) (NM_001013399) Human Untagged Clone

Product data:

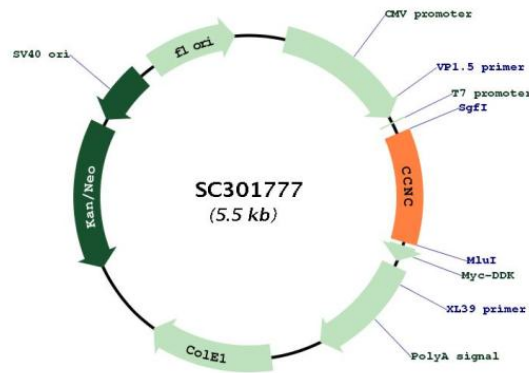
Product Type:	Expression Plasmids
Product Name:	Cyclin C (CCNC) (NM_001013399) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNC
Synonyms:	CycC; hSRB11; SRB11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301777 representing NM_001013399. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCCTACATGTGTGTTTTGGCATCCAAAGTAGAGGAATTTGGAGTAGTTTCAAATACAAGATTG
ATTGCTGCTGCTACTTCTGTATTAATACTAGATTTTCATATGCCTTTCAAAGGAATTTCTTATAGG
ATGAATCATATATTAGAATGTGAATTCTATCTGTTAGAACTAATGGATTGTTGCTTGATAGTGATCAT
CCTTATAGACCTTTGCTCCAGTATGTGCAGGACATGGGCCAAGAAGACATGTTGCTTCCCCTTGCATGG
AGGATAGTGAATGATACCTACAGAACGGATCTTGCCTACTGTATCCTCCTTTCATGATAGCTTTAGCT
TGCTTACATGTAGCCTGTGTTGTACAGCAGAAAGATGCCAGGCAATGGTTTGTGAGCTTTCTGTGGAT
ATGGAAAAGATTTTGGAAATAATCAGGGTTATTTTAAACTATATGAGCAGTGGAAGAATTCGATGAG
AGAAAAGAGATGGCAACCATTCTTAGTAAGATGCCAAAACCAAACACCTCCAACAGTGAAGGAGAG
CAGGGTCCAAATGGAAGTCAGAACTCTAGCTACAGCCAATCTTAA
ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001013399

Insert Size: 597 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001013399.1](#)

RefSeq Size: 2099 bp

RefSeq ORF: 597 bp

Locus ID: 892

UniProt ID: [P24863](#)

Cytogenetics: 6q16.2

Protein Families: Druggable Genome, Transcription Factors

MW: 22.9 kDa

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 (2) uses an alternate splice site compared to variant 1, that results in the use of a downstream translational start codon. The resulting isoform (b) is shorter at the N-terminus compared to isoform a.