

## Product datasheet for **SC126559**

### CCNL2 (NM\_030937) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCNL2 (NM_030937) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNL2
Synonyms:	ANIA-6B; CCNM; CCNS; HCLA-ISO; HLA-ISO; PCEE; SB138
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_030937, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCGGCGGCGGCGGCTGGTGTCTGCAGGGTCGCGAGCTCCCGCGGCAGCGGCGGCGCCCGG
GATCTGGGGCGCACCCCTCAGGGTCGACAGGGGTGCTGATCGGGGACAGGCTGTACTCCGGGTGCTCAT
CACCTTGAGAACTGCCTCCTGCCTGACGACAAGCTCCGTTTCAGCCGTCATGTCGAGGGCCTCGAC
ACCGACACAGAGACCGACCTCCGCGTGGTGGGCTGCGAGCTCATCCAGGGCGCGGTATCCTGCTCCGCC
TGCCGCAGGTGGCCATGGCTACCGGGCAGGTGTTGTTCCAGCGTTCTTTTATACCAAGTCTTCGTGAA
GCACTCCATGGAGCATGTGTCAATGGCCTGTGTCCACCTGGCTTCCAAGATAGAAGAGGCCCAAGACGC
ATACGGGACGTCATCAATGTGTTTCACCGCCTTCGACAGCTGAGAGACAAAAAGAAGCCCGTGCCTCTAC
TACTGGATCAAGATTATGTTAATTTAAAGAACCAATTATAAAGGCGGAAAGACGAGTCTCAAAGAGTT
GGGTTTCTGCGTCCATGTGAAGCATCCTCATAAGATAATCGTTATGTACCTTCAGGTGTTAGAGTGTGAG
CGTAACCAACACCTGGTCCAGACCTCATGGAATTACATGAACGACAGCCTTCGCACCGACGTCTTCGTGC
GGTTCCAGCCAGAGAGCATCGCCTGTGCCTGCATTTATCTTGCTGCCCGACGCTGGAGATCCCTTTGCC
CAATCGTCCCCATTGGTTTCTTTTGGTGGAGCAACTGAAGAAGAAATTCAGGAAATCTGCTTAAAGATC
TTGACGCTTTATGCTCGGAAAAAGGTTGATCTCACACACCTGGAGGGTGAAGTGGAAAAAGAAAGCAGC
CTATCGAAGAGGCAAGGCCAAGCCCGGGGCTGTTGCCTGGGGGCACACAGGTGCTGGATGGTACCTC
GGGTTTCTCTCTGCCCAAGCTGGTGGAAATCCCCAAAGAAGTAAAGGGAGCAAGCCTTCCCCACTG
TCTGTGAAGAACCAAGAGGAGGCTGGAGGGCGCAAGAAGCAAGGCGGACAGCCCCGTGAACGGCT
TGCCAAAGGGGCGAGAGAGTCCGAGTCCGAGCCGAGCCGTGAGCAGAGCTACTCGAGGTCCCCATCCC
ATCAGCGTCTCCTAAGAGGAGGAAAAGTACAGCGGCTCCACATCTGGTGGTCCAAGTCGACAGAGCCG
TCCCGGAGCAGGAGTACTCCCCACCGAGACAGGCCCCCGCAGCGCTCCCTCAAAGGCTCTGAGATT
GGGGTCCCGGAAGTCCAAGGACTGCAAGTACCCCGAAGCCACACAAGTCTCGGAGCCGGAGTCTTTC
CCGTTTCTCGAAGCAGGTACGGGAGCGGGCGGATAATCCGGGAAAATACAAGAAGAAAAGTCATTACTAC
AGAGATCAGCGACGAGAGCGCTCGAGGTCGTATGAACGCACAGGCCGTCGCTATGAGCGGGACCACCCTG
GGCACAGCAGGCATCGGAGGTGA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_030937 unedited

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ATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGACCGGCTTTGTGCTCAGCCA
GTTCAATTTGAGTTTGCATGTTTCTCTGCACTATGGATTTTGAACATTTAGATTTCTTTAA
TCAAAAAGCGTTTTAGTGACTCCAGTAGACATTTTCTTTCTGAGGCATCGTCTTTGCATG
AGAGCAGGCCAAGGTTGAGGGGAAAAGTAAAGTAAAGTCCGTTCTTTTCATAGCAACA
CGTATTGTCTGACATTCAGCCAGCTTTTTTTTTTCTAATAATTTCTGTGCCTTTCTGTC
CTGTATTTACTGTATTTAGAAAAAGCAGCTAGAATATTTCTCCATTAAGTCTTGAGATT
ACAGGACTGTCTAGCTCTGAGTCTAGCAATAGACTCCTTAGAGGAGTAGTACGTTTATC
TAGATTTTCTCTAGATAATGCAGGCGGAAGACCTGGGTTCCCGGGTGGGGCATTGCAAGT
CTTCTGTGTTTGGCTTCCAGGAATTACATGAACGACAGCCTTCGCACCGACGTCTTCGT
GCGGTTCCAGCCAGAGAGCATCGCTGTGCCTGCATTTATCTTGCTGCCCGGACGCTGGA
GATCCCTTTGCCACTCGTCCCCATTGTTTCTTTTGGTGGAGCACCTGAAGAAGAAAT
CAGGAAATCTGCTTAAAGATCTGCAGCTTTATGCTCGGAAAAAGGTTGATCTCACACACC
TGNAGGGGTGAAGTGGAAAAAGAAAGCAGCTATCCGAAGAGGCAAGGCCCCAGCCC
GGGCTGTTTGCCTGGGGCACCAAGTCTGGATGGTACTTCGGGGTCTCTCTCTG
GCCCCCAAGCTGGTGGNAATCCCCAAAGAAGGTAAGGGGAGCCAGCCTTCTCCACTG
TTCTGTGAGGACACCAAGAGGAGCTGTATGGGCCANTAAAGACCAAGGCGACAACCCCG
TGGACG
    
```

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_030937

**Insert Size:**

1940 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_030937.2</a> , <a href="#">NP_112199.1</a>
<b>RefSeq Size:</b>	3136 bp
<b>RefSeq ORF:</b>	1047 bp
<b>Locus ID:</b>	81669
<b>UniProt ID:</b>	<a href="#">Q96S94</a>
<b>Cytogenetics:</b>	1p36.33
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>The protein encoded by this gene belongs to the cyclin family. Through its interaction with several proteins, such as RNA polymerase II, splicing factors, and cyclin-dependent kinases, this protein functions as a regulator of the pre-mRNA splicing process, as well as in inducing apoptosis by modulating the expression of apoptotic and antiapoptotic proteins. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1, also known as L2alpha or T2) encodes the longest isoform (A, also known as L2alpha) containing a cyclin box in the N-terminus and RS domain in the C-terminus.</p>