

Product datasheet for **SC317876**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317876 representing NM_030937.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGCGCGCGCGCGCGCTGGTGTGCAGGGTCGGCAGCTCCCGCGGCAGCGGCCGGCGCCCGG
GGATCTGGGGCGCACCCCTCAGGGTCGCAGGGGTGCTGATCGGGGACAGGCTGTACTCCGGGGTGCTC
ATCACCTTGGAGAACTGCCTCCTGCCTGACGACAAGCTCCGTTTACGCGGTCCATGTGAGCGGCCTC
GACACCGACACAGAGACCGACCTCCGCGTGGTGGCTGCGAGCTATCCAGGCGGCCGGTATCCTGCTC
CGCCTGCCGAGGTGGCCATGGCTACCGGGCAGGTGTTGTTCCAGCGTTCTTTTATACCAAGTCTTC
GTGAAGCACTCCATGGAGCATGTGTCAATGGCCTGTGTCCACCTGGCTTCCAAGTAGAAGAGGCCCA
AGACGCATACGGGACGTCAATGTGTTTACCAGCTTCGACAGCTGAGAGACAAAAGAAGCCCGTG
CCTCTACTACTGGATCAAGATTATGTTAATTTAAAGAACCAAATTATAAAGGCGGAAAGACGAGTTCTC
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GAGTGTGAGCGTAACCAACACCTGGTCCAGACCTCATGGAATTACATGAACGACAGCCTTCGCACCGAC
GTCTTCGTGCGGTTCCAGCCAGAGAGCATCGCCTGTGCCTGCATTATCTTGCTGCCCGGACGCTGGAG
ATCCCTTTGCCCAATCGTCCCATTGGTTTCTTTGTTGGAGCAACTGAAGAAGAAATTCAGGAAATC
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TCCAAGTCGCAGAGCCGCTCCCGGAGCAGGAGTACTCCCAACCGAGACAGGCCCCCGCAGCGCTCCC
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AAGAAGAAAAGTCATTACTACAGAGATCAGCGACGAGAGCGCTCGAGGTCGTATGAACGCACAGGCCGT
CGCTATGAGCGGGACCACCCTGGGCACAGCAGGCATCGGAGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_030937

Insert Size: 1563 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_030937.4](#)

RefSeq Size: 3136 bp

RefSeq ORF: 1563 bp

Locus ID: 81669

UniProt ID: [Q96S94](#)

Cytogenetics: 1p36.33

Protein Families: Druggable Genome

MW: 58.1 kDa

Gene Summary: 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]

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.