

## Product datasheet for **RN214465**

### **Ccn11 (NM\_053662) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccn11 (NM_053662) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccn11
Synonyms:	Ania-6a; Ccn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214465 representing NM\_053662  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTCCGGGCTCACCCGACATCGACCGCTGCCGCCGCTCTGCCTCGTCCGCCGCCCGAGTGCGG  
 GCGGCTCCAGCTCCGGCACGACACCACGACGACGACGACGACCGGAGGGATCCTGATTGGCGACCGCCT  
 GACTCGGAGGTGTCGTTACCATCGACCACTCGGTGATTCGGAGGAGCGGCTCTCGCCTACCCCGTCC  
 ATGCAAGGACGGCCTCGACCTGCCACGAGACGGACCTGCGCATCTTAGGCTGCGAGCTCATCCAGGCCG  
 CCGGATTTCTCTCCGGCTGCCGAGGTGGCGATGGCTACGGGGCAGGTGTTGTTTCATCGTTTTTTCTA  
 CTCGAAGTCTTTCGTAACACAGTTTCGAGATTGTTGCCATGGCCTGTATTAATCTTGCATCAAAAATT  
 GAAGAAGCACCAAGAAGAATAAGAGATGTGATTAATGTATTCCACCACCTCCGCCAGTTAAGAGGAAAA  
 GGACTCCAAGCCCTGATCCTTGATCAGAACTACATTAACACCAAAAATCAAGTTATCAAGGCAGAGAG  
 GAGGGTGTAAAGGAGTTGGGATTTTGTGTTTCATGTCAAGCATCCCATGAAGTATTGTAAATGTATTTA  
 CAAGTCTTAGAATGTGAACGTAACCAAAACCTGGTTCAGACTGCCTGGAATTATATGAATGACAGCTTTC  
 GAACCAATGTTTTGTTGCTTTCAACCAGAGACTATAGCATGTGCTTGTATCTACCTTGCACTAGAGC  
 ACTTCAAATTCCATTGCCAACTCGGCCCATTTGGTTTCTTTTTGGTACCACAGAAGAGGAGATTCAA  
 GAAATCTGCATAGAGACACTTAGACTTTATACCAGGAAAAAGCCTAACTATGAATTGCTGGAAAAGGAAG  
 TAGAAAAAGAAAAGTAGCCTTACAGGAAGCCAAGTTAAAGGCAAAGGGATTGAATCTTGATGGAAGTCC  
 AGCCCTTCCACTTTAGGTGGTTTTCTCCAGCCTCCAACCATCATCCAAGAGAAGTAAAAGCTGAA  
 GAGAAATCACCAGTTTCCATTAATGTGAAGACAGTCAAAAAGAACCCTGAGGATAGACAACAAGCTTCCA  
 AAAGCCCTTATAATGGTGAAGAAAAGACAGCAAGAGAAGCAGAAACAGCAGAAGTGCCAGTAGATCAAG  
 GTCAAGAACCAGGTCACGCTCTAGATCACACACCCCAAGAAGACATTATAATAATAGGCGAAGTCGATCT  
 GGAACATACAGCTCAAGATCAAGAAGCAGTCTCGCAGTCACAGTGAAAGTCTCGAAGACATCATAATC  
 ATGTTTCTCCTCACCTTAAGGCCAAACATACCAGAGAAGATTTAAAAAGCTCAAATAGACATGGTCATAA  
 AAGGAAAAATCTCGGTCTCGATCTCAGAGCAAGACTCGGGATCACTCAGATGTTACCAAGAAACACAGG  
 CATGAAAGGGGGCATCACAGAGACAGGCGTGAAGATCTCGCTCCTTTGAGAGGTCCCATAAAGGCAAGC  
 ACCACGGTGAAGTCGCTCAGGACATGGCAGGCATAGGCGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_053662

**Insert Size:** 1584 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\\_053662.3](#), [NP\\_446114.1](#)

**RefSeq Size:** 2128 bp

**RefSeq ORF:** 1584 bp

**Locus ID:** 114121

**UniProt ID:** [Q9R1Q2](#)

**Cytogenetics:** 2q31

**Gene Summary:** cyclin protein that is regulated by cAMP response element binding protein (CREB); may be involved with differential RNA processing, such as alternative splicing [RGD, Feb 2006]