

Product datasheet for **MC217593**

Ccn1 (NM_019937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccn1 (NM_019937) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccn1
Synonyms:	2610030E23Rik; ania-6a; AU018493; Ccn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217593 representing NM_019937
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCGGGCTCACCCGACCTCGACCCTGCCGCCGCCGCCGCCGCTGCCGCTCCGCTCGTCCG
 CCGCCCCGAGCGCGGGCGGCTCCAGCTCCGGCACGACCACCACGACGACGACCACGACCGGAGGGATCCT
 GATCGGGACCGCCTGTATTTCGGAGGTGTCGCTCACCATCGACCCTCGCTGATCCCGGAGGAGCGGCTC
 TCGCTACCCCGTCCATGCAGGACGGCCTGGACCTGCCAGCGAGACGGATCTGCGCATCTTGGGCTGCG
 AGCTCATCCAGGCCCGCCGCATCCTCCTCCGGCTGCCGAGGTGGCGATGGCTACAGGGCAGGTGCTGTT
 CCATCGGTTCTTCTACTCCAAGTCGTTTCGTAACACAGTTTCGAGATTGTTGCTATGCGCTGTATTAAT
 CTTGCGTCAAAAATCGAAGAAGCGCCAAGAAGAATAAGAGATGTGATTAATGATTCCACCACCTCCGCC
 AGTTAAGAGGAAAAGGACTCCAAGCCCCCTGATCCTTGATCAGAACTACATTAACACAAAAATCAAGT
 TATCAAGGCAGAGAGGGGTGCTAAAGGAGTTGGGATTTTGTGTTTCATGTCAAGCATCCCATAAGATC
 ATTGTAATGTATTTACAAGTCTTAGAATGTGAACGTAACCAAACCTGGTTCAAACCTGCCTGGAATTACA
 TGAATGACAGTCTTGAACCAATGTCTTTGTTTCGCTTCAACCAGAGACTATAGCATGTGCTTGTATCTA
 CCTTGCAGCTAGAGCACTTCAAATTCCTTGCCTTCCGCCCCATTGGTTTCTTCTGTTTGGTACCACA
 GAAGAGGAGATTCAGGAAATCTGCATAGAGACGCTTAGACTTTATACCAGGAAAAAGCCTAACTATGAAT
 TGCTGGAAAAGGAAGTAGAAAAAGAAAAGTAGCCTTACAGGAAGCCAAGTTAAAAGCAAAGGGATTGAA
 TCTTGATGGAACCTCAGCCCTTCAACTCTTGGTGGATTTCTCCAGCCTCTAAACCATCATCACCAGA
 GAAGTGAAGCTGAAGAGAAAATCACCAGTCTCCATTAATGTGAAGACAGTCAAAAAGAACCTGAGGATA
 GACAGCAGGCGTCAAAAAGCCCTTACAATGGTGTAAAGAAAAGACAGCAAGAGAAGCAGAACAGCAGATA
 TGCTAGTAGATCAAGGTCAAGAACCAGTCCCGTTCCAGATCACACAGCCCAAGAAGACATTATAATAAT
 AGGCGAAGTCGATCTGGAACATACAGCTCAAGATCAAGAAGCAGGTCTCGCAGTCACAGTAAAGCCCTC
 GAAGACATCATAATCATGGTTCTCCTCACCTTAAAGCCAAACATACCAGAGAAGATTTAAAAAGCTCAAA
 TAGACACGGTCATAAGAGGAAAAGTCTCGGTCTCGATCTCAGAGCAAGACTCGGGATCACTCAGATGTT
 ACCAAGAAACACAGGCACGAAAGGGGACATCACAGAGACAGGCGTGAACGATCTCGCTCCTTTGAGAGGT
 CCCATAAAGGCAAGCACCATGGTGGCAGTCGCTCAGGACATGGCAGGCATAGGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_019937

Insert Size: 1599 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_019937.3](#), [NP_064321.2](#)

RefSeq Size: 2161 bp

RefSeq ORF: 1599 bp

Locus ID: 56706

UniProt ID: [Q52KE7](#)

Cytogenetics: 3 E1

Gene Summary: Involved in pre-mRNA splicing. Functions in association with cyclin-dependent kinases (CDKs). May play a role in the regulation of RNA polymerase II (pol II). Inhibited by the CDK-specific inhibitor CDKN1A/p21.[UniProtKB/Swiss-Prot Function]