

## Product datasheet for **MR208526**

### **Ccn11 (NM\_019937) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccn11 (NM_019937) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccn11
Synonyms:	2610030E23Rik; ania-6a; AU018493; Ccn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR208526 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTCCGGGCTCACCCGACCTCGACCCTGCCGCCGCCGCCGCCGCTGCCGCTCCGCTCGTCCG  
 CCGCCCGAGCGCGGGCGCTCCAGCTCCGGCACGACCACCACGACGACGACCACGACCGGAGGATCCT  
 GATCGGGACCGCTGTATTCCGAGGTGTCGCTCACCATCGACCCTCGCTGATCCCGGAGGAGCGGCTC  
 TCGCTACCCCGTCCATGCAGGACGGCCTGGACCTGCCAGCGAGACGGATCTGCGCATCTTGGGCTGCG  
 AGCTCATCCAGGCCCGCCGCATCCTCCTCCGGCTGCCGAGGTGGCGATGGCTACAGGACAGGTGCTGTT  
 CCATCGGTTCTTACTCCAAGTCGTTTCGTAACACAGTTTCGAGATTGTTGCTATGCCCTGTATTAAT  
 CTTGCGTCAAAAATCGAAGAAGCGCCAAGAAGAATAAGAGATGTGATTAATGATTCCACCACCTCCGCC  
 AGTTAAGAGGAAAAGGACTCCAAGCCCCCTGATCCTTGATCAGAACTACATTAACACAAAAATCAAGT  
 TATCAAGGCAGAGAGGGGTGCTAAAGGAGTTGGGATTTTGTGTTTCATGTCAAGCATCCCATAAGATC  
 ATTGTAATGTATTTACAAGTCTTAGAATGTGAACGTAACCAAACCTGGTTCAAACCTGCCTGGAATTACA  
 TGAATGACAGTCTTGAACCAATGTCTTTGTTTCGCTTCAACCAGAGACTATAGCATGTGCTTGTATCTA  
 CCTTGCAGCTAGAGCACTTCAAATTCCTTGCCTTCCGCCCCATTGGTTTCTTCTGTTTGGTACCACA  
 GAAGAGGAGATTCAAGAAATCTGCATAGAGACGCTTAGACTTTATACCAGGAAAAAGCCTAACTATGAAT  
 TGCTGGAAAAGGAAGTAGAAAAAGAAAAGTAGCCTTACAGGAAGCCAAGTTAAAAGCAAAGGGATTGAA  
 TCTTGATGGAACCTCCAGCCCTTCAACTCTTGGTGGATTTTCTCCAGCCTCTAAACCATCATCCAAGA  
 GAAGTGAAGCTGAAGAGAAATCACCAGTCTCCATTAATGTGAAGACAGTCAAAAAGAACCTGAGGATA  
 GACAGCAGGCGTCAAAAAGCCCTTACAATGGTGAAGAAAAGACAGCAAGAGAAGCAAGCAAGCAAGAA  
 TGCTAGTAGATCAAGGTCAAGAACCAGTCCCGTTCCAGATCACACAGCCCAAGAAGACATTATAATAAT  
 AGCGAAGTCTGATCTGGAACATACAGCTCAAGATCAAGAAGCAGGTCTCGCAGTACAGTGAAGCCCTC  
 GAAGACATCATAATCATGGTTCTCCTCACCTTAAAGCCAAACATACCAGAGAAGATTTAAAAAGCTCAAA  
 TAGACACGGTATAAGAGGAAAAGTCTCGGTCTCGATCTCAGAGCAAGACTCGGGATCACTCAGATGTT  
 ACCAAGAAACACAGGCACGAAAGGGGACATCACAGAGACAGGCGTGAACGATCTCGCTCCTTTGAGAGGT  
 CCCATAAAGCAAGCACCATGGTGGCAGTCGCTCAGGACATGGCAGGCATAGGCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208526 protein sequence  
 Red=Cloning site Green=Tags(s)

MASGPHPTSTAAAAAASASSAAPSAGGSSSGTTTTTTTTGGILIGDRLYSEVSLTIDHSLIPEERL  
 SPTPSMQDGLDLPSETDLRILGCELIQAAGILLRPLQVAMATGQVLFHRFFYSKSFVKHSFEIVAMACIN  
 LASKIEEAPRRIRDVINVFHHLRQLRGKRTSPPLILDQNYINTKNQVIKAERRVLKELGFCVHVKHPHKI  
 IVMYLQVLECERNQTLVQTAWNYMNSDLRTNVFVRFQPETIACACIYLAARALQIPLTRPHWFLFGTT  
 EEEIQEICIETLRLYTRKPNYELLEKEVEKRKVALQEAALKAKGLNLDGTPALSTLGGFSPASKPSSPR  
 EVKAEEKSPVSVNVKTVKKEPEDRQQASKSPYNGVRKDSKRSRTSRSASRSRSTRSRSRSHSPRRHYN  
 RRSRSGTYSRSRSHSESPRRHHNHGSPHLKAKHTREDLKSNNRHGHKRKRSRSRSQSKTRDHSVD  
 TKKHRHERGHRDRRERSRFSERSHKGKHHGGSRSRSGHRHRR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

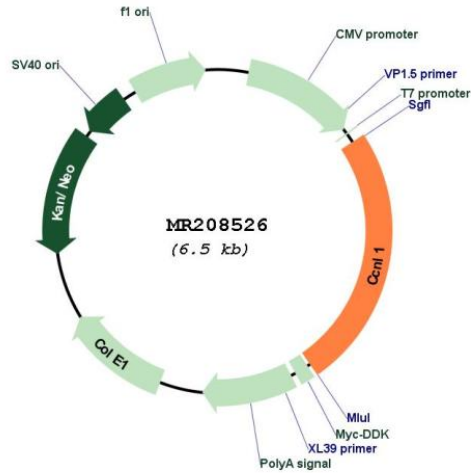
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



<b>ACCN:</b>	NM_019937
<b>ORF Size:</b>	1599 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_019937.4</a>
<b>RefSeq Size:</b>	2161 bp
<b>RefSeq ORF:</b>	1599 bp
<b>Locus ID:</b>	56706
<b>UniProt ID:</b>	<a href="#">Q52KE7</a>
<b>Cytogenetics:</b>	3 E1
<b>MW:</b>	60.1 kDa
<b>Gene Summary:</b>	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]