

Product datasheet for **MR215629**

Ccnl2 (NM_207678) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnl2 (NM_207678) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccnl2
Synonyms:	1700010A01Rik; 1810019L15Rik; 2010319M22Rik; AA409936; Ania-6b; AW261738; HCLA-150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR215629 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGCGGCCGGGGCTGCGGGTTGATGGCTCCGGCGGCGGCGCCTGCTCTCCGGCTCGG
 CGGGAGCGGCCCGGGTCTCAGGGGTGCTGATCGGCGACAGGCTCTACTCGGGCGTGCTCATCACCTT
 GGAAAAGTGCCTGCTGCCGACGACAAGCTCCGCTTACGCCGTCCATGTCGAGCGGCTCGACGTCGAT
 ACGGAGACGGACTCCGCGTCGTGGGCTGCGAGCTCATCCAGGCAGCGGCATCTGCTCCGCTGCCGC
 AGGTGGCCATGGCTACAGGGCAGGTGTTGTTCCAGCGTTCTTTTACACTAAGTCCTTCGTGAAACATTC
 CATGGAGCATGTGCCATGGCTTGTGTTACCTGGCTTCCAAAATAGAAGAGGCTCCGAGACGAATCAGG
 GATGTCATCAATGTATTCCATCGCTTCGGCATCTGAGAGAGAAAAGAAGCCTGTGCCTCTGGTCTTG
 ATCAAGAGTATGTTAACCTAAAGAACCAGATTATAAAGGCAGAGAGACGGTTCTCAAGGAGTTGGCTT
 TTGTGTCCATGTGAAGCACCTCACAAGATAATCGTTATGTACCTCAGGTGTTAGAATGTGAGCGTAAT
 CAACACCTGGTCCAGACTGCATGGAACACATGAATGACAGCCTTCGCACAGATGTCTTTGCCGTTCC
 AGCCTGAAAGCATTGCTTGTGCCTGTATCTACCTTGTGCCCGGACACTGGAGATCCCTTACCCAAATCG
 TCCACATTGGTTTCTTTGTTGGAGCAACTGAAGAAGAAATCAAGAAATTTGCTTTAAAATCTTGACG
 CTTTATACACGGAAAAGGTTGATTTGACGCATCTGGAGAGTGAAGTGGAGAAGAAAGCATGCCATTG
 AAGAAGCAAAGGCCGAGCAAAGGGCTGCTCCAGGGAGTGCGCCAGGCTGGACAGTGTGCGGGGTT
 CTCGCCTGCTCCCAAGCTGGAATCCCCAAAAGAAGGTAAGGAGGCAAGCCTTCCCCGCCCTCTGAAAG
 AGCGCCAAACGGAAAATGGAAGGCCAAAAGAAGCCAGGGCCACAGCCCTGTAATGGCTTGCTGAAAG
 GCGAGGAGAGTCAAGTCAAAGCAGGAGTCTGAGCAGAGCTACTCAAGTCCCACACGCTCGTCTGATC
 TCCAAAGAGAAGGAAAAGTATAGTGGCTCTACCTCAGGTGGTCCAAGTACAGAGTCGTTCTCGGAGC
 CGAAGTACTCTCTCCAAGGCAGGTACACCGAGGTGCTCCCTACAAAGGCTCAGAAGTGAAGGGCTCCC
 GGAAATCAAAGGACTGCAAGTACCTCACCCAGAAGCCACACAAGTCTCGTAGCCGGAGCTCTCTCGTTC
 CCGAAGCCGGTACGAGAGCGGACGGACAATTCTGAAAATACAAGAAGAAAAGTATTACTATAGAGAT
 CAAAGACGTGAGCGCTCAAGGTATATGAGCGCACAGGCCATCGCTATGAGAGGGACCACCTGGACACA
 GCAGGCATCGGAGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215629 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAAAGAAGLMAPAAAACSSGSAGAAPGSQGVLIIGDRLYSGLVITLENLLPDDKLRFTPSMSSGLDVD
 TETGLRVVGCLEIQAAGILLRLPQVAMATGQVLFQRFYTKSFVKHSMHVSMACVHLASKIEEAPRRIR
 DVINVFHRLRHLREKKKPVPLVLDQEYVNLKNQIIKAERRVLKELGFCVHVKHPHKIIVMYLQVLECERN
 QHLVQTAWNYMNDLRTDVFVRFQPEIACACIYLAARTLEIPLPNRPHWFLFGATEEEIQEICFKILQ
 LYTRKKVDLTHLESEVEKRKHAIEEAKARAKGLLPGSAPGLDSAAGFSPAPKLESPKEGKGGKPSPPSGK
 SAKRKMGPKKAQGHSPVNGLLKGQESRSQRSREQSYSRSPRSASPKRKSDSGSTSGGSKSQRSRSS
 RSDSPPRQVHRGAPYKGEVGRSRKSKDCKYLTKPKHSRSRSSRSRSPRERTDNSGKYKKKSHYYRD
 QRRERSRSYERTGHRYERDHPGHSRHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_207678

ORF Size: 1557 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_207678.1](#), [NP_997561.1](#)

RefSeq Size: 2442 bp

RefSeq ORF: 1557 bp

Locus ID: 56036

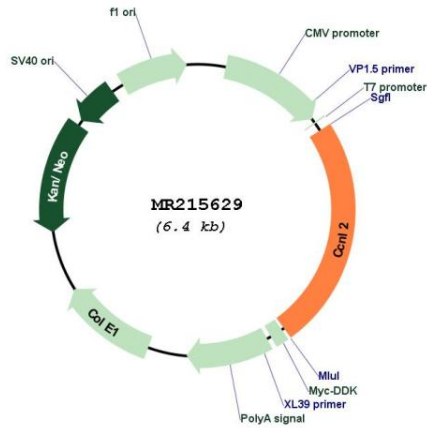
UniProt ID: [Q9JJA7](#)

Cytogenetics: 4 87.47 cM

MW: 58 kDa

Gene Summary: Involved in pre-mRNA splicing. May induce cell death, possibly by acting on the transcription and RNA processing of apoptosis-related factors.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215629