

## Product datasheet for **MR213859**

### Ccin (NM\_001002787) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccin (NM_001002787) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccin
Synonyms:	4933417A14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR213859 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAACTGGAATTCACAGAGAAAACTACAACAGCTTTGTGCTGCAAAACCTGAACAAACAGAGGAAGC  
 GTAAAGAGTACTGGGACATGGCCCTGACTGTGGACCATCATGTCTTCTCGCACATCGCAACGTGCTGGC  
 TGCCGTCTCTCCACTAGTGAAAAGCCTCATCTCCAGCAACGACATGAAGACCACCGATGAACTCTACATC  
 ACCATCGACCCCACTACCTGAGCCAGCCACGGTGGACCAGCTCCTGGATTACTTCTACAGCGGAAAG  
 TGGTGATCTCAGAGCAGAACGTGGAGGAGCTGCTCCGGGCGCACAGTATTTCAATACCCACGCTTCG  
 GATTCAGTCAATGACTTCCTTATTAAGTCTATTCGCCGCGTCAACTGCTTGGCTACCTCTTGGCT  
 GAGCTGTCGAGCTCAAAGAAGTATCAGACTTGGCCTACTCTGGCATTCTGACAACCTCCACTTCTGGG  
 CCAGTCCCAGGGCTCTATGCATTCATGCGCTGCCACCCGTCATCTTCGGTCCGCTGCTCCGGGATGA  
 AAACCTCCACGTGCTCAACGAGGACCAGGCGCTCAGCGACTCATCAGTTGGGTGTAATCCGGAAGGAG  
 GAGCGGAAAAAATACTTCAAGAAGTTCTTCAATTACATCAATCTCAATGCGGTCTCCAACAAGACGCTGA  
 TTTTTGCCAGCAACAAGCTGGTTGGCTTGAGAACTCTGCCACGCGACCTGATCGAAAGTGTCT  
 GATGGACCGCAAGCAGGAGCGCCGTCAGCCTGCTGAGTACCAGCGAAAGGGGCCCTGCTTGACTCG  
 GTGGTCATCCTGGGTGGCCAGAAGGCCACGGTAAAGTTCAACGATGGGGTGTTCCTATATCATCCAGG  
 AGAACCTGTGGCTGAAGCTCTCAGAGATGCCATACCGGGCAGCCGCGCTCAGTCCACTGCTGCTGGCCG  
 TTACATCTACATATCCGGTGGCACCCTGAGCAGATTTCCAGACTGAAGACAGCGTGGCGGTATGACATG  
 GACGACAACCTCTGGACCAAGCTACCTGACCTGCCATTGGGCTGTCTCCACACCATGGTGACCTGCG  
 GGGGAACAGTTTACTCAGTGGGTGGGAGATTGCCACGCGGTACGTCTAACATTTATCGCTATGA  
 TGAAACGCAAGGAAGCCTGGTGCTTGCGCGGGAAGATGAGCATCCCTATGGACGGGACAGCAGTCATCAT  
 AAGGGTGACCGGAACCTGTACATTGTCACTGGCGGATGCCTGGTGAAGGGCTACATCTCCCGGGTGGTG  
 TAGTGGACTGCTTGGACCTGCACGGGGAAAGTGGTCCAGTGTATCACCTTCCCATCGAATCAACCA  
 CCGGCCCTGCTCTCGTCCATCAGGACAACATCCTTCGTGTACACAGCCACCGGAGAGCGTGGAAATC  
 AACTTACAGAAGATCAAGGCCAACAAAGTCGACAACCTCAGTACCTCTGTTGCCAACAGTTGTCCCTTGG  
 ATGTATCCATGCTATCTGCTCCATTGGAGACAGCAAGGTATTTGTATGTGGGGTGTACCACAGCCAG  
 CGATGTCCAGACCAAGGACTACACCATCAATCCTAATGCTTACTGCTGGACAAAAGATAGGTGAATGG  
 CAGACCCTTGCTGCCACCTGAGGCATGGACTGTCCTGCTGTCTAGCCAAGCTGCCTTGAAGA  
 TTCTTCAAAGAATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

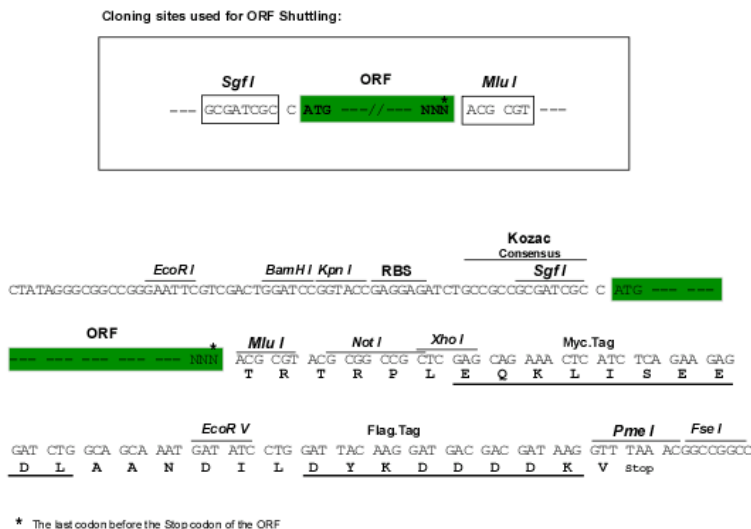
>MR213859 protein sequence  
 Red=Cloning site Green=Tags(s)

MKLEFTEKNYNSFVLQNLNKQRKRKEYWDMALTVDDHVFVFAHRNVLAASVPLVKSLISSNDMKTDELVI  
 TIDPNYLSPATVDQLLDYFYSKVVISEQNVEELLRGAQYFNTPLRIHCNDFLIKSIIRRVNCLRYLFLA  
 ELFELKEVSDLAYSGIRDNFHFASPEGSMHFMRCPPVIFGRLLRDNLHVLNEDQALSAISWVYFRKE  
 EREKYFKFFNYINLNAVSNKTLMFASNKLVGLENNSAHATLIESVLMRDKQERPCSLLSYQRKGALLDS  
 VVILGGQKAHGKFNDFGVFAYIIQENLWLKLEMPYRAAALSAAGRYIYISGGTTEQISGLKTAWRYDM  
 DDNSWTKLPDLPIGLVFHTMVTCCGTVYSVGGSIAPRRYVSNIRYDERKEAWCLAGKMSIPMDGTAVIT  
 KGDRNLYIVTGRCLVKGYISRVGVVDFDCTGEVYVQCITFPIEFNHRPLLSFHQDNILRVHSHRQSVET  
 NLQKIKANKSTTSVPLLPNSCPLDVSHAICSIGDSKVFVCGGVTTASDVQTKDYINPNAYLLDQKIGEW  
 QTLACPEALDCPACCLAKLPCKILQRI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001002787

**ORF Size:** 1767 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\\_001002787.2](#), [NP\\_001002787.1](#)

**RefSeq Size:** 2030 bp

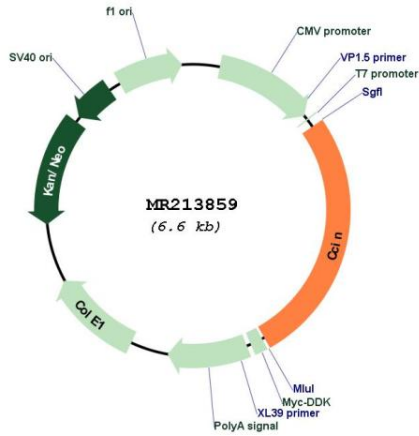
**RefSeq ORF:** 1767 bp

**Locus ID:** 442829

**UniProt ID:** [Q8CDE2](#)

**Cytogenetics:** 4 B1  
**MW:** 66.7 kDa  
**Gene Summary:** Possible morphogenetic cytoskeletal element in spermiogenic differentiation.  
 [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR213859