

## Product datasheet for **MC228378**

### **Ccdc63 (NM\_001289809) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc63 (NM_001289809) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc63
Synonyms:	4921511C16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228378 representing NM\_001289809  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCAGTGATGAAGAAAGTCAGGAGGAAGGGCTCTTCAGGCCTTTCGGAACCTTCCGAGAAGGCCAGGG  
 AGCAGCTCGCCCAGGCAGAGCTACGGAACTGAGGCAGCAGTTCCGCAAGATGGTAGACAGCCGCAAGTC  
 CTTCAACTTCCGCCACCGAGCTATGATCGCCGGCAATACAAGGAAATAGAGACTCTGAAAGCTGAACAG  
 GCCGAGACCACCATGCTTCTAAGCCTCGTGAAGTCTCCGAAGAACCTGGACATCAACCAGAAAACTTCA  
 TGGAACTACGCTTCTGCTGCAGACCAAGGGGACTACGAGGCGCTCATCTCCTCCATGAAGGTGCTGCT  
 GGGAGAAGTGGATGATAAGATCGTTGAGATGGAGAGAAAGATCACGAACCAGAGACAGCTCTTCTTGAGG  
 ACACAAGAGGCCAATAATCCAAGAGACTGCAGAGACAGATCCATGTTCTGGAGTCCCGACTGAACCTGG  
 TCACTGTCCACTTTGACACGATGCTGACCTCTAACTCCCAGCTCCGGAAGGAGATTGAGGATCTCCTCTT  
 TGAGAAGGCCCTACGACCAGCTACCAGCAGCTTCAGCGGCTCTGCAGACACAGAAGAAGACCATG  
 AACGTGGCCATTGAGCAGTCTGCCAGGCTATGAGCAGAGAGTGGAGGCCATGGCTCGGATGGCTGCCA  
 TGAAAGACCGCCAGCAGAAAGACATCTCTCAGTACAACCTGGAGATCCGGGAACCTGGAACGTCTATATGA  
 TCACGAGACGAACTCAAGTCTTCTGCTGGCCAAGCTTAACGACCGCTCTGAATTTGAGGACCAGGCC  
 AAGAAGCAGGAAGATGTCAAATCCAAGAAGCTTGGGAAGAAGGGGAGGGGCGAGAGTTTCGCGAGCTATG  
 AGGTGGCGCACCTGCGGCTGCTGAAGCTGGCGGAGAACGGGGACCTGAACCAGCTCACCGAGGATTTCT  
 GGCCAAGGAGGAGAAGAATTTGCTCGTTTCACTTATGTCACCGAGCTCAACAATGACATGGAGACCATG  
 CACAAGAAGACCCAGCGGATCCAGGATGACATCATCAACTTCCGCTCACAGCAGCAGACCTCCCATGAGG  
 GCACCCGGAGCATCCTGAAACAGATGGAGGAGAACTGAGAAAGACCAGCAGGAAGCGGACATTTATGA  
 GACCAAATACAAGGAGATGAGCAAGACCTGGAGTATCTCAAGAACTCCGTTGGAGAAGATGTTTAAGAAG  
 ATCAACTGCGATGCCACTGAGATCCTGGCAAGCTGGGCGAGTCCGGGAAGGTCACGGACATCAATCTGC  
 AGCAGTATTTTGCTATCATAGAAAAGAAGACAAATGACCTGCTGCTTCTAGAGTCTTCCGGCGCTGCA  
 GGAGGCAGAGGGGCCGATGTCGATGTCCACAAACCTTTGTCAACCCCTTCTGGGGCGGCTCTGCCCTC  
 CTAAGCCCCAGAGCCATAAGGGTTGTGCTGCCTGTGTTTGGGGCAGACTCCTTCAGTGACAACTTG  
 AAGAGTTCTCACAGAGCTTGTCTGGGTGCAGTGGACTCTCCTCTGGACCACAGTACCCTCCAGCAGA  
 TGGTCTTGGAGAACTTCTTTCAGAGGGAACGCACAAAAGAACTACAGGACACCATGTCAGAGAAGGGGGA  
 CGAGATAAGGCTCAAGAAGAAGGTGATAGGCTGAGCCTCGTGGTGCCTGTATTCCACACCAGAGAGAAT  
 AA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001289809
- Insert Size:** 1752 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001289809.1](#), [NP\\_001276738.1](#)

**RefSeq Size:** 2053 bp

**RefSeq ORF:** 1752 bp

**Locus ID:** 330188

**UniProt ID:** [Q8CDV6](#)

**Cytogenetics:** 5 F

**Gene Summary:** Plays a role in spermiogenesis (PubMed:26501274). Involved in the elongation of flagella and the formation of sperm heads (PubMed:26501274).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longest isoform (1).