

Product datasheet for **MC227961**

Ccdc63 (NM_001289811) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc63 (NM_001289811) 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: >MC227961 representing NM_001289811
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCTAAGCCTCGTGAAGTCTCCGAAGAACCTGGACATCAACCAGAAAACTTCATGGAACACGCT
 TCCTGCTGCAGACCAAGGGGACTACGAGGCGCTCATCTCCTCCATGAAGGTGCTGCTGGGAGAAGCTGGA
 TGATAAGATCGTTCAGATGGAGAGAAAGATCACGAACCAGAGACAGCTCTTCTTGAGACACAAGAGGCC
 AATAATCCCAAGAGACTGCAGAGACAGATCCATGTTCTGGAGTCCCGACTGAACCTGGTCACTGTCCACT
 TTGACACGATGCTGACCTCTAACTCCCAGCTCCGGAAGGAGATTGAGGATCTCCTCTTTGAGAAGGCCGC
 CTACGACCAGTCTACCAGCAGCTTCAGCGCGTCTGCAGACACAGAAGAAGACCATGAACGTGGCCATT
 GAGCAGTCTGCCAGGCCTATGAGCAGAGAGTGGAGGCCATGGCTCGGATGGCTGCCATGAAGGACCGCC
 AGCAGAAAAGACATCTCTCAGTACAACCTGGAGATCCGGGAAGTGAACGTCTATATGATCACGAGACGAA
 ACTCAAGTCTTCTGCTGGCCAAGCTTAACGACCGCTCTGAATTTGAGGACCAGGCCAAGAAGCAGGAA
 GATGTCAAATCCAAGAAGCTTGGGAAGAAGGGGAAGGGCGAGAGTTTCGCGAGCTATGAGGTGGCGCACC
 TGGCGGCTGCTGAAGCTGGCGGAGAACGGGGACCTGAACAGCTCACCGAGGATTTCTGGCCAAGGAGGA
 GAAGAATTTGCTCGTTTCACTTATGTCACCGAGCTCAACAATGACATGGAGACCATGCACAAGAAGACC
 CAGCGGATCCAGGATGACATCATCAACTTGGCGTCACAGCAGCAGACCTCCCATGAGGGCACCCGGAGCA
 TCCTGAAACAGATGGAGGAGAACTGAGAAAGACCACGCAGGAAGCGGACATTTATGAGACCAATACAA
 GGAGATGAGCAAGACCTGGAGTATCTCAAGAAGTCCGGTGGAGAAGATGTTTAAGAAGATCAACTGCGAT
 GCCACTGAGATCCTGGGCAAGCTGGGCGAGTCCGGGAAGTACCGGACATCAATCTGCAGCAGTATTTTG
 CTATCATAGAAAAGAAGACAAATGACCTGCTGCTTCTAGAGTCTTCCGGCGCCTGCAGGAGGCAGAGGG
 GCCCGATGTCGATGTCCCACAACCTTTGTCAACCCCTTCTGGGGCGGCTCTGCCCTCTCAAGCCCCCA
 GAGCCCATAAAGGTTGTGCTGCCTGTGTTGGGGCAGACTCCTTCAGTGACAAACTTGAAGAGGTGGACT
 CTCCTCTGGACCACAGTACCCTCCAGCAGATGGTCTTGGAGAAGTCTTTCAGAGGGAACGCACAAAAGA
 ACTACAGGACACCATGTCAGAGAAGGGGACGAGATAAGGCTCAAGAAGAAGGTGATAGGCTGA

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001289811
- Insert Size:** 1464 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:	<ol style="list-style-type: none">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:	<u>NM_001289811.1, NP_001276740.1</u>
RefSeq Size:	2145 bp
RefSeq ORF:	1464 bp
Locus ID:	330188
UniProt ID:	<u>Q8CDV6</u>
Cytogenetics:	5 F
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region, initiates translation at a downstream start codon and uses an alternate splice site in the 3' terminal exon, compared to variant 1. It encodes isoform 3, which is shorter and has a distinct C-terminus, compared to isoform 1.</p>