

Product datasheet for **MC217208**

Ccdc61 (NM_001033314) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc61 (NM_001033314) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc61
Synonyms:	C530028I08Rik; Gm159
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC217208 representing NM_001033314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCAGCCCGCTGGCCTGCAGGTGGACTACATCTTCCGGGGTGTGGAGCACGCTGTGCGGGTTGTGG
 TTTCTGGGCAGGTGCTGGAGCTGGAGGTGGAGGACCGGATGACAGCTGACCAAGTGGCGTGGAGAGTTTGA
 TGCCAACCTTCATTGAAGACTTGACTCATAGACGGGAACTTTAAACAGTTCAGCATTTTCTGTAACATG
 CTGGAGTCGGCCCTACCCAGAGCAGTGAAGTCTGTACCCTGGACCTGCTCACCTACACAGACCTGGAGT
 CTCTGCGCAGCCGAAGCTGGGAGGCCGCCAGGTGCCTTGGCCCCAGGTGGCCAGCTCAACTCCAA
 ACGCTACCTCATTCTCATCTATTCGGTGGAGTTTGACAGGATTCCTACCCGCTGCCCTCCCGTACCAG
 GGCAAGCCTGACCCTGTGGTCTGCAGGGCATCATCCGCTCACTGAAGGAGGAGTTGGGTATCTTCGAG
 GGCTGAATGGCGCCAGGATGCTCGGGAGACGGAGATCTGGCACCTGAGGGAGCAGGTGACCCGCTTGAC
 GTCTGAGAAGCGGGAGCTGGAGGCACAGCTGGGCCGCTCCGAGAGGAGGCTCTGGCGGGCGGGCAGCA
 CGCCAGGAGGCCGAGTCGTTGCGTGGGCTGGTGGAGGGCCTAGAGCTGGAGTTACGGCAGGAGCGTGGCC
 TCGGGGGTTCGGGCTGCTGGCCGCCGAGCCAGGATAGTCGCCGACTGGCTAAGGAGCTCGAGGAGGTGAA
 GGCATCGGAGCGCAATCTGCGTGAAGGCTCAAGACACTGAACAGCGAGCTGGCCATGTACAGAAGGGGG
 AGACGCACCTTGGCCGGGTTGCAGTCAGGAGGGCCGAGCCTCATCGTCTCGGGAGCGCTCCACGTCCC
 GTGGTTCGCGCGGTCACTCGTCCCTCATCACGGGAGAGCAGCCGTGGGGCCCGGGTCTGGCCGGCCAGC
 ACACCCCTCGCCCTACCCACAGGTAGTCGTGCCCCCGTTTTGACCCACAGCCTTTGTGAAAGCCAAG
 GAGAAGAAGCAGAGAGAAATCAGGATGAAGCAGCAGCAGCAGCAGCGGAACCGAATGGGCAGTGGAGGAA
 GCGGAGACGGTCCGTCCGTCTCATGGTCTCAGCAGACTCGGCCGCTGCTGCTGTACGGGCCGAGGGGA
 CGCAGTTAACCGCTCCCGAACCAGCTCCTCAGTGGACAGTTTCCGCAGCCGCTGCTCGTCAGTCAGC
 TCTGCAGCGAGCTGGAGGATTTCTCCACTCAGTTTCCAGAAGTCGCCGCTGCCGTGGCCGAGGAAAC
 CACCCAGTCCGACACCCTGGAGCAGGTCCAAGACGAAGTCTACCACTCAAGAACGCAGTGATCACCAGAG
 ACACCTGGCCAGTTCTGGGGGCTGGTCCCTATTAAGAGTACAGCTCCGACTTCCAGGGAGCTGACATG
 GCTGAAATAGATGCCCGCTGAAGGCTTTCAGGAATACATGAACCGGCTGGACACGCGGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001033314

Insert Size: 1536 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).

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_001033314.3](#), [NP_001028486.1](#)

RefSeq Size: 2010 bp

RefSeq ORF: 1536 bp

Locus ID: 232933

UniProt ID: [Q3UJV1](#)

Cytogenetics: 7 A3

Gene Summary: Microtubule-binding centrosomal protein required for centriole cohesion, independently of the centrosome-associated protein/CEP250 and rootletin/CROCC linker. In interphase, required for anchoring microtubule at the mother centriole subdistal appendages and for centrosome positioning. During mitosis, may be involved in spindle assembly and chromatin alignment by regulating the organization of spindle microtubules into a symmetrical structure. Plays a non-essential role in ciliogenesis.[UniProtKB/Swiss-Prot Function]