

Product datasheet for **RN206331**

Ccdc61 (NM_001106229) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc61 (NM_001106229) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc61
Synonyms:	RGD1307390
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN206331 representing NM_001106229
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCAGCCAGCTGGCCTGCAGGTGGACTACATGTTCCGGGGTGTGGAGCATGCTGTGCGGGTGGTGG
 TTTCTGGGCAGGTGCTGGAGCTGGAGGTGGAGGACCGGATGACAGCTGACCAAGTGGCGTGGAGAGTTTGA
 TGCCAACCTTCATTGAAGACTTGACTCATAGACCGGAACTTTAAACAGTTCAGCATCTTCTGTAACATG
 CTGGAGTCAGCCCTACCCAGAGTAGTGAGTCTGTCACTCTGGACCTGCTCACCTACACAGACCTGGAGT
 CTCTGCGCAGTCGCAAGCTGGGGGGCCGCCGGTCCCTGCCAGGTCGGCCAGCTCAACTCCAAACG
 CTACCTCATCCTCATCTATTCCGTGGAGTTTACAGGATCACTACCCGCTGCCCTCCCGTACCAGGGC
 AAGCCTGACCCCGTGGTCTGCAGGGCATCATCCGCTCACTGAAGGAGGAGTTGGGTACCTTCGAGGGA
 TGAATGGCGGCCAGGATGCTCGGAGACAGAGATCTGGCATCTGAGGGAGCAGGTGACCCGCTTGGCGTC
 AGAGAAGCGGGAGCTGGAGGCGCAGCTGGGCCGCTCCCGAGAGGAGGCTCTGGCGGGTGGGCAGCTCGC
 CAGGAAGCCGAGTCGCTGCGGGGGCTGGTGAAGGGCTAGAGCTGGAGTTACGGCAAGAGCGTGGCCTTG
 GGGTTCGGGCTGCTGGCCGCCGACCCAGGATTGTGCGAGACTAGCTAAGGAGCTCGAGGAGGTAAGGC
 GTCAGAGCGCAATCTGCGTGCTAGGCTCAAGACTCTGAATTGCGAGCTGGCTATGTACCGAAGGGGAGA
 CGCACGTTGCCGCTGGAGCCAGGGAGGACCGAGCTTTATCATCTCGGGAGCGCTCCACGCTCTCGTGGTC
 GCACGGCCACTCGCTCCTCATCGCGGGAGAGCAACCGCGGAGCCCGGAGTACGGCCGGCCAGCACACCC
 CTCACCTCACCTACAGGTAGTCGTGTGCCCGTTTTGACCCACAGCCTTCGTGAAAGCCAAAGAGAAG
 AAGCAGAGAGAGATCAGGATGAAGCGGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 GAAGCGGGGACGGTCCATCTGTCTCATGGTCTCACCAGACTCGGCCCTGCTGTGTGACCCGGCCGAGG
 GGATGCAGCTAACCGCTCCCGAACCAGCTCCTCCGTGGACAGTTTCCGAGCCGCTGCTCGTCAGTC
 AGCTCCTGCAGTGAAGTGAAGGATTTCTCCAGTCAGTTTCCAAAAGTCGTCGTTGCCGTGGACCGGGGA
 AACCAACAGCCCATACCCTGGAGTGGGTCCAAGACGAAGTCTACCACTCGAGAACGCAACAATCACCA
 GAGACTTGGCCAGCTCTGGGGCTGGTCCCATCAAAGAGTACAGCTCCGACTACCAGGGAGCCGAC
 ATGGCTGAAATAGATGCCCGCTGAAGGCTTGCAGGAATACATGAACCGGCTGGACACACGGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106229
- Insert Size:** 1539 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:	<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:	NM_001106229.1 , NP_001099699.1
RefSeq Size:	2086 bp
RefSeq ORF:	1539 bp
Locus ID:	292680
UniProt ID:	A0JPP8
Cytogenetics:	1q21
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]