

Product datasheet for **SC318039**

CCDC67 (DEUP1) (NM_181645) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC67 (DEUP1) (NM_181645) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC67
Synonyms:	CCDC67
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318039 representing NM_181645.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAGAACCAAGCCCATAAACGATGGGAACCTCTCCTTGTGAGGCTGAGCTTCAGGAATTAATGGAA
CAAAATTGACATCATGGTAAGCAACAAGAAAATGGATTGGGAAAGAAAGATGCGGGCTTTGGAGACACGA
TTAGATCTTCGGGATCAAGAAATTGGCAAATGCACAACTTGTGGATCAGAAAGGTCAAGAGGTAGGG
TTACTTCGACAGAAATTGGACAGTCTGGAAAAATGTAATTTAGCAATGACTCAGAATTATGAAGGACAA
CTACAAAGCCTAAAGGCTCAATTTTCCAACTAACAAATAACTTTGAAAACTGAGATTACATCAGATG
AAACAAAACAAAGTTCCACGAAAAGAAATTACCACACCTTAAAGAAGAAATACCCTTTGAACTGAGCAAT
TTGAACCGAGAAATTAGAGGAATTTAGAGCAAAGTCAAGAGAATGGGACAAGCAAGAGATATTATATCAG
ACTCATCTGATTTCTTTAGATGCTCAACAAAAATATTATCTGAGAAGTGAATCAGTTTCAGAAACAG
GCACAAAGTTACCAAACCACTAAATGGTAAAAACAGTGCTTAGAAGACAGCAGCTCTGAAATTCCT
CGTTTGATATGTGACCCAGATCCCAATTGTGAAATCAATGAAAGAGATGAGTTCATTATTGAAAACTG
AAATCAGCTGTAATGAGATAGCACTAAGCAGGAATAAATTACAAGATGAAAATCAGAAGCTCTTGCAA
GAACTGAAAAATGTACAAAGACAGTGCCAGGCCATGGAAGCAGGTCTCTCAGAGGTAAAAAGTGAGTTA
CAGTCACGTGATGATCTCTTGAGAAATATAGAAATGGAACGATTGCAATTAACACAGAGAATTATTA
ATAGGAGAGTGCCAAAATGCTCAAGGAAATAAAACAAGACTTGAATCATCTTATTTGCCCTCTATTA
GAACCAGAAAGGAAAAATAAAGAGCTGTTTTAGTGATGCAAGATCAACCAATCATGAAAAAGAAATTG
AACAGATAAAGAGCCAACTCCAACAGGTGGAAGAGTACCATAACTCTGAGCAGGAAAGAAATGAGGAAT
GAAATCTCTGACCTAACAGAAGAGCTTCATCAGAAGGAGATCACTATGCAACTGTCACAAAGAAAGCT
GCCCTTCTGAAAAACAGTTAAAAATGGAATTAGAAATAAAAGAAAAAATGTTAGCAAAAACAAAAGTTC
TCAGATATGAAATATAAAGCTGTGAGAAGTGAACACACATCTAAAAGGAATGATGGGAGATTTAGAC
CCCGGAGAATACATGAGTATGGACTTCACTAACAGGGAACAGTCAAGGCATACATCTATTAATAAAGT
CAATATGAGAATGAAAGGCTCCGAAATGATCTTGCAAACTTCATGTCAATGAAAAATCAACCTGGACT
AATCAAAACACCTATGAAGAAACAGGAAGATATGCCTATCAAAGCCAAATAAAAGTGAACAAAAATGAA
GAGAGACTTAGTCATGACTGTGAGCCAAACAGAAGTACAATGCCTCCCTTGCCACCTTCGACATTTCAA
GCCAAAGAAATGACAAGTCCCTTTGGTTAGTGATGATGATGATTTCCCACTGTCTCCCCAGATATGTCC
TTCCAGCATCTTTGGCTGCACAGCATTCTCTTCTGGAAGAAGAGAAACGAGCAAAAGAACTTAAAAA
CTTCTAAATACACATATTGATGAACTGCAAAGACACAGAATTTACTCTTAATAAATACTCCAAGCTA
AAACAAAATAGACACATATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_181645
- Insert Size:** 1815 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_181645.3](#)

RefSeq Size: 2698 bp

RefSeq ORF: 1815 bp

Locus ID: 159989

UniProt ID: [Q05D60](#)

Cytogenetics: 11q21

MW: 71 kDa

Gene Summary: Key structural component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells. Deuterosome-mediated centriole amplification occurs in terminally differentiated multiciliated cells and can generate more than 100 centrioles. Probably sufficient for the specification and formation of the deuterosome inner core. Interacts with CEP152 and recruits PLK4 to activate centriole biogenesis (By similarity). [UniProtKB/Swiss-Prot Function]