

Product datasheet for **SC122493**

CCDC67 (DEUP1) (BC031247) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC67 (DEUP1) (BC031247) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC67
Synonyms:	coiled-coil domain containing 67; FLJ25393
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC031247 edited
 GAAAAATGGGGAGTGACTGTTAATGAGTATCAGGTTTCCTTTGGGGATGATGAAAATGCT
 CTGGAATAAAGTAGTGGTGTGTTCAACTTTGTGACTAAATTGAAAACGCTGGATTGTA
 CACTTTAAATGGGCGAATTTATGGCCATGGAAGCAGGCTCTCAGAGGTA AAAAGTGAGT
 TACAGTCACGTGATGATCTCTTGAGAATTATAGAAATGGAACGATTGCAATTACACAGAG
 AATTATTA AAAATAGGAGAGTGCCAAAAATGCTCAAGGAAAATAAAACAAGACTTGAATCAT
 CTTATTTGCCTTCTATTAAGAACCAGAAAGGAAAATAAAGAGCTGTTTTTCAGTGATGC
 AAGATCAACCAAATCATGAAAAAGAATTGAACAAGATAAGAAGCCAACCTCCAACAGGTGG
 AAGAGTACCATAACTCTGAGCAGGAAAGAATGAGGAATGAAATCTCTGACCTAACAGAAG
 AGCTTCATCAGAAGGAGATCACTATAGCAACTGTCACAAAGAAAGCTGCCCTTCTGGAAA
 AACAGTTAAAAATGGAATTAGAAATAAAAGAAAAAATGTTAGCAAAACAAAAGGTCTCAG
 ATATGAAATATAAAGCTGTCAGAACTGAAAACACACATCTAAAAGGAATGATGGGAGATT
 TAGACCCCGGAGAATACATGAGTATGGACTTCACTAACAGGGAACAGTCAAGGCATACAT
 CTATTAATAAACTGCAATATGAGAATGAAAGGCTCCGAAATGATCTTGCAAAACTTCATG
 TCAATGGAAAATCAACCTGGACTAATCAAAACACCTATGAAGAAACAGGAAGATATGCCCT
 ATCAAAGCCAAAATAAAAGTGGAAACAAAATGAAGAGAGACTTAGTCATGACTGTGACCCAA
 ACAGAAGTACAATGCCTCCCTTGCCACCTTCGACATTTCAAGCCAAAGAAATGACAAGTC
 CTTTGGTTAGTGATGATGATGATTCCCACTGTCTCCCCAGATATGTCCTTCCCAGCAT
 CTTTGGCTGCACAGCATTTCCTTCTGGAAGAAGAGAAACGAGCAAAAGAACTTGAAAAAC
 TTCTAAATACACATATTGATGAACTGCAAAAGACACACAGAATTTACTCTTAATAAATACT
 CCAAGCTAAAACAAAATAGACACATATGAGCTTTTAACTTTTTTATTGCTTCCCCCCC
 CCACCCCGCCCAAGAAAAAAGCTCTGGCAAAAATTTACAAAGCTGATTAATGAAACCA
 AGAAATTTCTGTTCTGTTTCCCTTGAGTAAATAATTTCCGTAAAGCAGCTAGAAAATAGTAA
 GTATTTTGTCTATAAAGCTGTTTACATTTCTGCATTAACATGCTAAATTTGTCCTGTGT
 AGAGTTACTATAAAATAAACATGACTATTCCAAAAGAGATTTTTTTCCAGTCTAAGGAAT
 ATTTTGAATCAAATATGCAGTTTTTTTTCCCACTTGAATCATGTATACTGAAAACCCA
 TTTCTCAGCAACTACACAAAATAAGAGAAAGGGAAGTCTATATTCCAGATACAAATGA
 CTCAAAGGCAGCTCAGTTGACTGGTTTTGAAAACCAAGGATTTTATAAATAAAAATAT
 TTAAGTATTTCCAGTTATGTAACACTCTAAAATTTCTATAATTTTTTGAAAAAAAAGC
 TATAGCTTTATTGTTTTTACATTCACCTTTATAATGTCTGTCTGTTTCAACACAATGAAG
 GTATATGGAATGTCAATTTACAACCTAAAATATATGTGCCAAAATTAACGCTTTTTTT
 GTTAGTACTAATTACTTCATGGACACAAACAAGATAAAGGAAATATAAAGCATTACTGTT
 GCTACATTTTCCTTTGTAATCACTTCTGTTTTTAATACAATAAAGGAATGTA AAAATTCAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC031247 unedited
 AAAACTTNNCGCCCTTCCACGGGACGCATGAGTGGTGCCCTCCACACCAAAGGGGGGGG
 CGGGGCTACTGCATCAGATCCAAGGGAACGAGCTGGAGCCCCTGAACCGTCCGCAGCTC
 AAGATCCCCTTGAGCGGCCCTGGGCGAGGTGTACCTGGACAGCAGCAAGCCCGCGTG
 TACTTCTCTCCGAGGGCGCCGCTACGAGTTGGGGGCGCGCCGCATAACTTCGTATAG
 CATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGC
 GGGAAAATGGGAGTGACTGTTAATGAGTATCAGGTTTCCTTTGGGGATGATGAAAATG
 CTCTGGAATAAAGTAGTGGTGTGTTCACTTTGTGACTAAATTGAAAACGCTGGATTG
 TACACTTTAAATGGGCGAATTTATGGCCATGGAAGCAGGCTCTCAGAGGTA AAAAGTGA
 GTTACAGTCACGTGATGATCTCTTGAGAATTATAGAAATGGAACGATTGCGATTACACAG
 AGAATTATTA AAAATAGGAGAGTGCCAAAATGCTCAAGGAAAATAAAACAAGACTTGAATC
 ATCTATTTGCCTTCTATTAAGAACCAGAGAGGAAAATAAAGAGCTGTTTTTCAGTGAT
 GCAAGTCAACCAAATCATGAAAAAGAATTGAACAAGATAAGAAGCCAACCTCCAACAGGT
 GGGAGAGTACCATAACTCTGAGCAGGAGAGAAATGAGGAATGAAATCTCTGACCTAACAGA
 AGAGCTTCATCAGAAGGAGATCACTATAGCAACTGTCACAAAGAAAGCTGCCCTTCCGGG
 AAAACAGTAAAATGGGATTAGGAATAAAGGAAAAATGTTGGCAAAACAAAAGTCTCA

Restriction Sites:	Please inquire
ACCN:	BC031247
Insert Size:	1954 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:	BC031247.1 , AAH31247.2
RefSeq Size:	1954 bp
Locus ID:	159989
Cytogenetics:	11q21
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]