

Product datasheet for **SC306897**

CCDC141 (NM_173648) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC141 (NM_173648) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC141
Synonyms:	CAMD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306897 representing NM_173648. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGTCCAGCCAAGGAAGTCCTAGTGTTGCGCTTTCTACGACGACAGTCAGTTCAGTTGCTGTGCAGGCT
GGGGACTCCAAAATCGTTATAGCTGTCTATAAAGTGTGGCAATGGGTACAACCTCAACTGGCTGAATCA
CAGCCCAATCTCTAGAAATGGCAGCAGTCAAGATGAAACCAAAAACTTCTTCATGATCATGAACCT
CTTTTGGCCAAGCTCAAGGCTTTGGAAGATCGGGTATGGGAACCTTGCAGGAAGCAGACAAGACAGCT
GAAGAGACAAGGATCAGAGTCAGGTCTATGATGCCATGGCCGAGACTCTGGGTGAAGCATGGGCAGCT
CTGGTGTCCATGCTTGAAGAAGAACAGAGCTCCTTAGGTTGACTTCTGAATTTTTTGAAGATGCCTTA
GAGTTTGTCTATTAATAAGACCAAGCTGAAGATTTCTCCAGAATACTCATGAGTTTGAGAGTGCTGAG
TCCTTAAATCACTTCTTCAGCTTCATGAACATCATACTAAAGAACTCTTGGAACGGTCTTTAGCCCTT
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AGAAGACAACCTAGACAAGTACTTGAAGCAACAGTGGCAAGAAATTGAGTCAAGTTCTGCAGATATGTCAG
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GAGAAAGAACACCTCCAGCTCTCTCACCAGAACTCAGTCAGCTTCAAGAAGAATTTGGTCAACTCATG
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GCAATGGATGTTGTTCTACCCGTTCTGAATCAGAGAAGATTTTGAATAAATATCTGGAAGTATGATATC



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CAAGCTAAGGAGACATCACATGAATTAGAAGCAGCTGCAAAAACCATGATGGAGAAAAATGAATTTGTA
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 CCTGAAGACATGCTCTCAGGGGAAGAATATGAGTGTGTCTCACCTGATGACATCTCCTTGCTCCTCTC
 CCAGGAAGCCCTGAGTCCCTCTTGACCATCTGACATGGAGGTGGAAGAGCCTGTGAGCTCCTCCCTC
 AGCCTTCACATAAGCAGCTATGGGTGACGGCTGGGACCAGCAGCCAGGGGATGCCAGGAATCTGTT
 CTTCCACCACCTGTTGCCTTTGCGGATGCATGCAATGATAAGAGAGAAACATTTTCAAGTCATTTTGA
 AGGCCTTACCTCCAGTTCAAAGCTGAGCCCCACTAACCTCCAGAGGATTCGTGGAAAAGAGTACTGCC
 TTACACAGAATCAGTGTGAACATCCAGAGAGCATGATGAGTGAAGTGCATGAGAGAGCTTTACAGCAG
 CACCCTCAGGCTCAGGGTGGTTTGCTAGAAACACGGGAGAAAAATGCATGCTGATAATAAATTCACATAAA
 ACCCAAGATAGGCTGCATGCTTCTCTGATGCATTCTCGGGCCTCAGTTTCAATCAGGCACCAGCAGG
 GGCTATCAGAGGCAAAATGGTTCTCGAGAAGAGATTAAGCAGCATCAGCAAAGAGCAGCGTGGTCAGC
 CTAGTGACCAGGCACCTAATTTCTCCAGGCTCCTGTCTAATGTAAGTGCATGGAAGGTTCTCCAGTG
 ACTTTGGAAGTTGAAGTAACAGGATTTCCAGAGCCTACACTGACATGGTACAAGAAGGGCCAGAAATTTG
 TCTGCAGATGGGCACTTACAGGTTTTACACAAGGAGACAAGGCATTGCGTGTTTATTCCAAGGTATGC
 AAGGCAGACGAGGCTCTATGTGGCTCGGGCCCAAACTCTAGCGGCGCTCTCTTCCAATGTCATC
 CTCCACGTGACAGGTAAGTGCAGGCTGCCAATCACAAGAGTAACTGGATAACCTGTGTGTCGTCTAT
 GTTAGTGTGTCCTAATGTAAGTGTGCTCCTCACACAATAA
 ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI
ACCN: NM_173648
Insert Size: 4593 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:	<u>NM_173648.3</u>
RefSeq Size:	9127 bp
RefSeq ORF:	4593 bp
Locus ID:	285025
UniProt ID:	<u>Q6ZP82</u>
Cytogenetics:	2q31.2
MW:	175.1 kDa
Gene Summary:	Plays a critical role in radial migration and centrosomal function.[UniProtKB/Swiss-Prot Function]