

Product datasheet for **SC305565**

CCDC65 (NM_033124) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC65 (NM_033124) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC65
Synonyms:	CFAP250; DRC2; FAP250; NYD-SP28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC305565 representing NM_033124.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCCTAAGAAAGAAAAATGGCCAAGACGCCCTGTCCGATGAGAAGCAGCTGCTTCTGTTTCAGCAG
AAGTTGCTGGCAGAGGAGAGATGGCCAAAAAGAAGGAGAGGCTCCTCAGCCAGTTCTTGAAGACAAG
CTGGCCAAGGAGGAACACAACAGTGCTCTGAACCTTAATAAGATTAACACACAGTGGAGAAGTGTCTT
CGGGAAGTCAAGACCAGAGAAGTTCATAAGGACATTGAGATCCTCAGCCAAACATTTGAACGAGTGGTG
GACTGTAAGGACAATGTCATCAAGTCTTAGCTAAAGACCTGTCCGAAGCCGAGGAGCAGTACGCCCAT
GCCCTGCGCAGCCACTTGCACAATGTTGACCAGCTCTTGCCCTGCAGAGGCACCGGCTCAGTCTCTG
GAGGAAAGTTACAACATGGAGCTGGAAGCCCTAACCAAGGAGTTTGAGACAGAAAGGAAGACAATTATT
GACCAACATGAGAAAGAGATTCATATCTGCAAGATATCTTCATGGCCATGGAGCAGAACTATATAGAT
TCTGAGTATGAAAGCAAGCTGGAGTTCAGAGCATGTGGAATGATCTCAAAAACATGAATTTAGAAGAG
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AAGAAATACACTGATGCCACAGAGGATCGAAAGGCTGCCTTTGAGACCCTGCAGGTGAAGGATGAGAAG
AGCTCAAAGAGATTGAAGTACAGATGAAAAAATACAGAACTACAGGATGCCATAACTATTTCAAAA
GGCAAGATCATGATACACAGCCGTGAGAGTGAAGATGAGAACCGGTATATCCGTAATGACAAGGAATTG
GTCCTTGTAACACTGCGAAAACCTAAGGCCCAAAGAACTCAGGCCCGGCAGCATCCCAAGAACTTA
GTCAGACTCACCTGGAAAGTAATGCCACCCTCAAGGCCCTGAGAAAGATTGTTGATAAGGGTGAAGAG
ATCCTTAACTTGCTGAAATATGTAGGAAATTTGAAACCGAAGAAGAAAAAGTGTGCCTTTTATTCA
TCAGTATTGACTCCTAAGGAGCAGGAGGGGATTGAGAAGAATAATCTAGAAGAGCTTACTGAGGAGCTC
ACCAAGGTGATGGTGGACTACATAGGAATGGAGAATTTCTGAAAAGGTACAACAAAGTGAAGTGGAG
CACTGAGCCTCCAACATAGACGAGCCAGCTGCTAGATATCAATGGGAAGCTGCGGGAGATGCTGAAG
CAGTACTTGATGGCATCTCAGTGAGTGACGAAGTGTGAGCCAGCTCAACCCACTCTTTATAGTCAAC
TATCAAAGCAACTTACTCCAGCCCTTGCCATACGTATAGCCCATCCAGGTGATAAACAACATCCAACC
ACTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_033124

Insert Size: 1455 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_033124.4</u>
RefSeq Size:	1832 bp
RefSeq ORF:	1455 bp
Locus ID:	85478
UniProt ID:	<u>Q8IXS2</u>
Cytogenetics:	12q13.12
MW:	57.3 kDa
Gene Summary:	This gene encodes a sperm tail protein that is highly expressed in adult testis, spermatocytes and spermatids. The protein plays a critical role in the assembly of the nexin-dynein regulatory complex. Mutations in this gene result in primary ciliary dyskinesia. [provided by RefSeq, Nov 2013] Transcript Variant: This variant (1) encodes the longer isoform (1).