

Product datasheet for **SC334753**

CCDC28B (NM_001301011) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC28B (NM_001301011) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC28B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001301011, the custom clone sequence may differ by one or more nucleotides

ATGGATGACAAAAAGAAGAAACGGAGTCCCAAGCCCTGCCTGGCCAGCCAGCCAGGCCAGGCCAGGCACAC
 TACGGAGGGTCCCTGTGCCTACCAGCCACAGCGGCTCCTTGGCCCTAGGACTTCCTCATCTGCCATCCCC
 CAAGCAGCGGGCCAAGTTCAAGAGAGTAGGCAAAGAGAAGTGCCGCCAGTCTGGCTGGAGGTGGAAGC
 GGCTCTGCAGGCACGCCCTGCAGCACTCCTTCTGACCGAGGTGACTGATGTCTATGAGATGGAGGGGG
 GACTCCTGAACCTGCTCAATGATTTCCACTCTGGCCGGCTGCAGGCCTTCGGGAAGGAATGCTCCTTTGA
 GCAGCTGGAGCACGTTTCGGGAGATGCAGGAGAAGCTAGCCCGGCTGCACCTCAGCCTGGATGTGTGTGGG
 GAGGAGGAGGACGATGAAGAGGAAGAGGATGGGGTCACTGAGGGGCTGCCAGAGGAGCAGAAGAAGACAA
 TGGCTGACCGTAACCTGGACCAGCTGCTTAGCAATCTGGAAGACCTCAGTAATTCTATGTATCCTTTCCA
 AGGAACCCGTCTATGTGTGTGTTCCTGAGAGGTCAGTTTCCTCCTCTCCAGCCCTCCAGGAGTATTCA
 CACACAACCAACTTCCCCACCTCTTGCAGTCCTGTGAGATTTAGCCACAGACTGCCCAAACCCAGGTACA
 GGAATTTAGAATTTCCCCAAATTAG

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001301011
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).


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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_001301011.1, NP_001287940.1

RefSeq Size: 1683 bp

RefSeq ORF: 726 bp

Locus ID: 79140

UniProt ID: Q9BUN5

Cytogenetics: 1p35.2

Gene Summary: The product of this gene localizes to centrosomes and basal bodies. The protein colocalizes with several proteins associated with Bardet-Biedl syndrome (BBS) and participates in the regulation of cilia development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).