

## Product datasheet for **SC321855**

### CCDC7 (NM\_001026383) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC7 (NM_001026383) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC7
Synonyms:	BIOT2; BioT2-A; BioT2-B; BioT2-C; C10orf68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_001026383.1  
 CCGGCGGGGGTCCCGCGGTCTTTGCTGCCGCCGGGGGCGCAGAGGCCGGGCCTTTT  
 CTTTCAGCACAAACGTCAGTTTGTAAAAGGGAGGTGCTGGAGTCTGAGGAGTTTTCAGGC  
 TTCCGTCTCGAAGGAAGTCTGGCAGGCTCGGAATTGTCTCTCCCTCAGGCAAATAGTTT  
 TTCACCTTAGAGCCAGCAAGGCCAAACCGCCAGTCACCCGACTCCCACAGTCTCAGCA  
 GGGAGGAATAAGTTTTTTCATCTGTAATTTGGAAGCCAAGTCAGTAACAAAATGAAACC  
 AGTAAAGCATCTGTTGACCACCAGTAACAAATCGGCAAATGTTCCAGCATTAACTACTAA  
 AAAAGGACTACATAATTTACCATTATCACCTGAGCTAAAAGGAAAAACATAATGCAAAATT  
 AATTCATGATAAAATTGAACCAATGGTCCCTAAGATCTCCACCAACAGGAGAATCCATTTT  
 ACGGTATGCTTTGCCATTCCATCGAGTAAGACAAAGAACTTACTACCAGAAGATGAAAT  
 GATCGGAAAAATTATCAAACATCTGAAGATGGTTGTTCCACTTTGGAAGAAACCTATGG  
 ACATTGCGATCAGAATGGAGAAGAACCATTTGTAAGCATGAACATGAAGAATTATCTTT  
 ATCTGTTGGGGATGATATGAATTCATTCTTGACATATTGTTGCAATTTGCAGCTCAGCT  
 AGAAGAAGCACTTAAAGAAGAACAAAATATTTTGAATCTTTTTAAGTGGTTTCAGTG  
 GCAGGTCAATCAGATGGAAGAAAATAGTAAAGATCAAACCTTTTTACAAGCAGAGCTCC  
 AAAACCTGACAAAACAGTCATTTTAAATATTGCAGAAATAGTAAGGCTTGTACAAAGATT  
 TGAAAGACTGAAGAATCGCCTTAAACAGAGGTCTAAATCTCCGTGAAAGTCATGTTGTC  
 TAAAACATAGGATAAAGAAAATCGACCAGAAGCAGTAAAAGTTGTGAAGCTCTGGCACA  
 GAAAATTGAAGAAATCTTAGAAGCCCACTCAACTGATGAATTTAAAGATGTTTCTGCAAC  
 AGAACCACAAACTGCTCATTCAATGACTAATCGATTTAATGCCATGTTGAAAGTATTTGA  
 AAACCAGGCAAAATGTTGGAGAGAGCTGTAATGATCAAGTTTTGTTAGATGCTGAATA  
 CAACAGATGCAGTGTGATTTTCAGTTGTTATCAGAAGAGAAGTTGGTGTGGAAAATGA  
 ACTACAAAAGTTGAAGGACAAAGAGAAAATAAGCCTACAAATAATCGAACAAAGAAAGC  
 TGTGAAAACAGTGAAGAAAAAGACAAAGGAAAATCTGAGGATTGAGAAAAGAAGATGTC  
 TCCAGAAAAGAGTTTAAATAAAAAGAGATTTGGATCAAGTACAGAAAGTAGCACGTCT  
 GGAAATTGAGAACAAAGTCTTCAGGAGCAATTGAAACAGGCTTTACAGGAAGCTGAAAA  
 AGCTAAGCATCAACTTAACTATTTCTAAATCAAGAGAAGTACTTAAAAGTGAGGGGAA  
 AACTGAGACAACAATGCAAGTGGGTAATAGTCAAACAAAAGTTAAAGGTGAAGATTCAA  
 AAATATACCATTGGAGAAAGAAACAAGAAAATCACTGGTTTCAGATTGAGGTGACAAAG  
 GACAAGTGATAAAATCCAAGAATATCCACAGATCACTGCCCAAAGCGGAAGACTGATTGA  
 AAAGAGATGCTAATAGAGTTTCTGAAATACTTTGAAAAGTCTCCCAAACCTTCAGAGAG  
 TGGATGGGAGCGAAGTAAGGAGACCCCACTGAGCAGATACATGGTATTGCTTACAATAA  
 AGTACATTTTTGCTCTTTAA  
 AA

- Restriction Sites:** Please inquire
- ACCN:** NM\_001026383
- 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\\_001026383.1](#), [NP\\_001021554.1](#)

**RefSeq Size:** 1939 bp

**RefSeq ORF:** 1461 bp

**Locus ID:** 79741

**UniProt ID:** [Q96M83](#)

**Cytogenetics:** 10p11.22

**Gene Summary:** May play a role in tumorigenesis.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein (isoform a).