

## Product datasheet for **RG206704**

### CCDC7 (NM\_001026383) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC7 (NM_001026383) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC7
Synonyms:	BIOT2; BioT2-A; BioT2-B; BioT2-C; C10orf68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG206704 representing NM\_001026383  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAACCAGTAAAGCATCTGTTGACCACCAGTAAACAAATCGGCAAAATGTTCCAGCATTAACTACTAAAA  
 AAGGACTACATAATTTACCATTACACCTGAGCTAAAGGAAAAACATAATGCAAAATTAATTCATGATAA  
 AATTGAACCAATGGTCCCTAAGATCTCCACCAACAGGAGAATCCATTTTACGGTATGCTTTGCCATTCCA  
 TCGAGTAAAGACAAAGAATTACTACCAGAAGATGAAATGATCGGAAAAATATCAAACATCTGAAGATGG  
 TTGTTTCCACTTTGGAAGAACTATGGACATTGCGATCAGAATGGAGAAGAACCATTTGTAAGCATGA  
 ACATGAAGAATTATCTTTATCTGTTGGGGATGATATGAATTCATTCTTGACATATTGTTCCGAATTTGCA  
 GCTCAGCTAGAAGAAGCACTTAAAGAAGAACAAAATATTTGGAATCTCTTTTAAAGTGGTTTCAGTGCC  
 AGGTCAATCAGATGGAAGAAATAAGTAAAGATCAAACCTTTTACAAGCAGAGCCTCCAAAACCTGACAA  
 AACAGTCATTTTAAATATTGCAGAAATAGTAAGGCTTGTACAAAGATTTGAAGAAGTGAAGAATCGCCTT  
 AACAGAGGTCTAAATCCTCCGTGAAAGTCATGTTGTCTAAAACCTATGGATAAAGAAAAATCGACCAGAAG  
 CAGTGAAGGTTGTGAAGCTCTGGCACAGAAAATTGAAGAATTCTTAGAAGCCCACTCAACTGATGAATT  
 TAAAGATGTTTCTGCAACAGAACCACAAACTGCTCATTCAATGACTAATCGATTTAATGCCATGTTGAAA  
 GTATTTGAAAACAGGCAAAATATGTTGGAGAGCTGTAATGATCAAGTTTTGTTAGATGCTGAATACA  
 AACAGATGCAGTGTGATTTTCAGTTGTTATCAGAAGAGAAGTTGGTGTGGAAAAATGAACTACAAAAAT  
 GAAGGACAAAGAGAAAATAAGCCTACAAATAATCGAACAAAGAAAGCTGTGAAAACAGTGAAGAAAAA  
 GACAAAGGAAAATCTGAGGATTCAGAAAAGAAGATGTCTCCAGAAAAGAGTTTAAAAATAAAGAAGATT  
 TGGATCAAGTACAGAAAAGTACACGCTCTGAAAATTGAGAACAAAGTCTTCAGGAGCAATTGAAACAGGC  
 TTTACAGGAAGCTGAAAAGCTAAGCATCAACTTAACTATTTTCTAAATCAAGAGAAGTTACTTAAAGT  
 GAGGGGAAAACCTGAGACAACAATGCAAGTGGGTAAATAGTCAAACAAAAGTTAAAGGTGAAGATTCAAAA  
 ATATACCATTTGGAGAAAGAAACAAGAAAATCACTGGTTTCAGATTCAGGTGGACAAAGGACAAGTGATAA  
 AATCCAAGAATATCCACAGATCACTGCCAAAAGCGGAAGACTGATTGAAAAGAGATGC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG206704 representing NM\_001026383  
 Red=Cloning site Green=Tags(s)

MKPVKHLTTSNKSANVPALTTKKGLHNLPLSPELKEKHNAKLIHDKIEPMVLRSPPTGESILRYALPIP  
 SSKTKNLLPEDEMIGKIIKHLKMOVSTLEETYGHCDQNGEPPVKHEHEELSLVGDMDNSFLTYCSQFA  
 AQLLEEALKEEQNILESLFKWFQWQVNVQMEIISKDQTLQAEPPKPKDQTVILNIAEIVRLVQRFEELKNRL  
 KQRSKSSVKVMSKTMKDKNRPEAVKSCEALAQKIEEFLEAHSTDEFKDVSAEPQTAHSMNRFNAMLK  
 VFENQANMLERAVNDQVLLDAEYKQMQCDFQLLSEEKLVLENELQKLDKEKTKPTNNRRTKAVKTVKKK  
 DKGKSEDSKMSPEKEFKIKEDLDQVQKVARLEIENKVLQEQLKQALQEAQKAKHQLNYFLNQEKLLKS  
 EGKTETTMQVGNISQTKVKGEDSKNIPLEKETRKSLSVSDSGGQRTSDKIQEYYPQITAQSGRLIEKRC

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001026383

**ORF Size:** 1458 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001026383.3](#)

**RefSeq Size:** 1939 bp

**RefSeq ORF:** 1461 bp

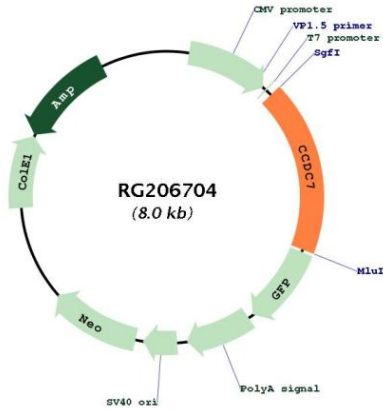
**Locus ID:** 79741

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

Cytogenetics: 10p11.22

Gene Summary: May play a role in tumorigenesis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG206704