

Product datasheet for **RG206743**

CCDC17 (NM_152500) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC17 (NM_152500) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC17
Synonyms:	coiled-coil domain containing 17; FLJ17921; FLJ33084; FLJ33084, RP4-697E16.4; OTTHUMP00000009506
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG206743 representing NM_152500
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCCCTCTTCGGCCTGGAGCAGGAGATTGAGAACTACAAGCTGAGGCCGGGAGGACGCGGGGAG
 CTCTAGAGGTGTTGGGGGCCGATTTCAGGAGCTGCAGGCGGAGCCAGGGAACCCGCTGAGCTCCCGGCG
 AGAGGCAGAACTTTATTCTCAGTGCAAAAGGCCAACCCGGGAATCTGGCTGCCGAAATCCGGGCGCTG
 CGGGAGGCCTACATTCGAGACGGGGGCCGGGACCCGGCGTCTGGGCCAGATATGGCAGTTGCAGGTGG
 AGGCGTCTGCACTGGAGCTGCAGCGGTGCAGACCCGAGAGGAAGGCGAGGTGCCACCTCAGGGGAGCT
 TCCAGTAGTGGAGGTGAAAACCGGCGCTTGGAGGCAGAAATCTTGGCCTTGCAATGCAGAGGGTCTGG
 GCACCTTGGGGCCCAGGATCTGCGACTCTGGGGGATGCCAGCCTACAACCGAAGGGGAGGAGAGATC
 CCCCCTCTCCCGCCACCGGTGGCACCACCGCTGCCACCACTTCCAGGCTTCTCGGAGCCACAGCTTCC
 TGAACAATGACCAGAACTGGGCCTGGACTCACACTTCTCTGCCACATCGGACATGCTGGGCCCT
 GCACCTATGATCTGGGCTGGCTGGTCATTTCTATGATTTCTGCGGGCCTTGAGGCTTCTTGGA
 TTTGGGTGCAAGAAAGGACGGCCTCCGCGCATGCCGCACGGGATACAGGAAGGACCAAGCGTTGCCCC
 AGCCCTTTTCTGCCCCACCTCTGCTCCCGGCCCATGAGCAACTGTGCCATCCTTGCCAGCAGGCGAG
 CCTGTGCCAGACTACCACCTCATCATAGTATCTTTGGTCTGTGAGCTGCAGGTCTGGCAGGGGCTAG
 CATGGGCTAGGGCACCACAGCCAAAGGCTTGGGTCTCACTTGGACTATTTGACCAAGATCAGCGGGTGT
 AAGTGGCCGCTGGCGCCTCCACTTCGGGCCCTTCTCTGGACCCAGCCTAGCCTTGGGACGTGAAT
 GGGATTCTCAGGCAGGTGAGCTCTTCTGCGGCTGGTGAATGCAAGAGATGCAGCTGTACAGA
 CACTGGCAGAGATCAATCCAGCAAGTGTCCATGAGTACCAGTACCCACCTCCGGTGTCCAGCACATCTTC
 ACTGGAAGCCAGCTTCTCACCCCGCAGTTGGCTTTGCTGATCCCCACCTCGTACAGAAGAGCCCTC
 AGTGGAGTCAAGGATAGAGATGAGGGTTTGGGCCCTCACCACAGTTTGAAGTGGCCCCAGTGAGTTTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG206743 representing NM_152500
 Red=Cloning site Green=Tags(s)

MSRLFGLQEIRELQAEAGRTRGALEVLGARIQELQAEFGNPLSSRREAEYSPVQKANPGTLAAEIRAL
 REAYIRDGGRDPGLGQIWLQVEASALELQRSQTRRGRAGATSGELPVVEAENRRLEAEILALQMQRGR
 APLGPQDLRLLDASLQPKGRDPPLPPPVAPPLPPLPGFSEPQLPGTMTRNLGLDSHFLLPTSDMLGP
 APYDPGAGLVIFYDFLRGLEASWVQERTASAHARDTGRTTALPPALFLPPPPAPGPMSCAILASRQ
 PVPRLPPSSSVSLVCELQVWQLAWARAPQPKAWVSLGLFDQDQRLVSGRWRLPLRALPLDPSLSLQQLN
 GIPQAGQAEFLRLVNARDAAVQTLAEINPASVHEYQYPPPVSSSTSSLEASFLTPAVGFADPPPRTEEPL
 SGVKDRDEGLGPHHSFDLPVVSF

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_152500

ORF Size: 1329 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_152500.2](#), [NP_689713.2](#)

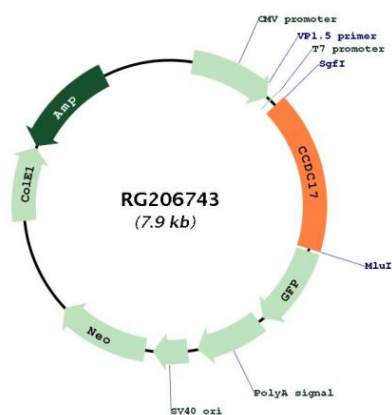
RefSeq Size: 1914 bp

RefSeq ORF: 1331 bp

Locus ID: 149483

Cytogenetics: 1p34.1

Product images:



Circular map for RG206743