

Product datasheet for **RG206700**

CCDC172 (NM_198515) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC172 (NM_198515) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC172
Synonyms:	C10orf96
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206700 representing NM_198515 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTTGGAGTCCCTGTTTCAGCACATCATCTTCACCGAGCATCAGGCGGAGGAGAGTCGCCGTTTGA
TGCGAGAAGTAAGGTCGGAAATAACCAGATGTCGTGAAAAAATTAAGAAAGCAACGGAGGAGCTGAATGA
AGAGAAAATCAAGCTGGAATCTAAGTTCAACAGTTTTTTGAAAAATCCTTCTTACAGCTTTTGAAA
GCTCATGAAAATGCTTTAGAAAAACAGTACAGTAAAATTACAAACCATAGGAATATGCTTCTTCAAACCT
TTGAGGCTATAAAGAAACAAATGATAGAGGAGGAAGACAAATTTATTAAGGAAATTACAGACTTTAATAA
TGATTATGAAATAACAAAGAAAAGAGAGCTTTTGATGAAAGAAAATGTCAAGATTGAAATATCTGACTTA
GAAAACCAAGCAAACATGTTGAAAAGTGAATGAAGTCAATGGAACATGATAGTAGCCAGTTAAATGAAC
TTCAAAAACAAAAGAGTGAATTGATACAAGAATTTACTCTCAAAGAAAACCTAAAGTTTTTGAAGA
TGAAGAGAATGAATCCATTTGACTACCAAATATCTAGAGGCAGAAAAAATAAAATCAGTGAAAAGCCT
CAAAATGATACAGAAATGCTTAAGACTTAAAAAGAATTAGAACTTTATAAGGAAGATGACATGAAAAGTG
TTTATGAAGCTCTCAAACAGAAATAGAATTTTTGGAGTTGACATTGGCACAGAAAGATCTTCAGGAAAG
CAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206700 representing NM_198515
 Red=Cloning site Green=Tags(s)

MSLES LFQHIIFTEHQAEESRRLMREVRSEITRCREKIKKATEELNEEKIKLESKVQQFFFEKSFFLQLLK
 AHENALEKQYSEITNHRNMLLQTFEAIKKQMIEEEDKFIKEITDFNNDYEITKKRELLMKENVKIEISDL
 ENQANMLKSEMKSMEHDSSQLNELQKQKSELIQELFTLQRKLVFEDEENESICTTKYLEAEKIKISEKP
 QNDTECLRLKKELELYKEDDMESVYEALQTEIEFLELTLAQKDLQESK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198515

ORF Size: 774 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198515.3](#)

RefSeq Size: 1744 bp

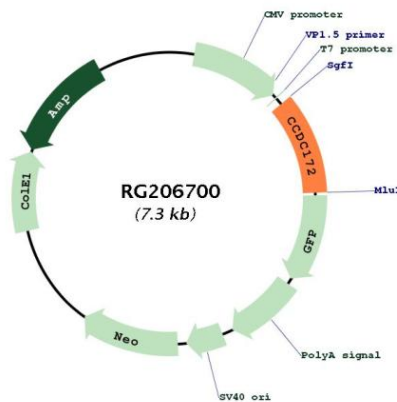
RefSeq ORF: 777 bp

Locus ID: 374355

UniProt ID: [P0C7W6](#)

Cytogenetics: 10q25.3

Product images:



Circular map for RG206700