

## Product datasheet for **RG206961**

### CCDC60 (NM\_178499) Human Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | CCDC60 (NM_178499) Human Tagged ORF Clone |
| Tag:                      | TurboGFP                                  |
| Symbol:                   | CCDC60                                    |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-AC-GFP (PS100010)                   |
| E. coli Selection:        | Ampicillin (100 ug/mL)                    |



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**ORF Nucleotide Sequence:**

>RG206961 representing NM\_178499  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCAAGGTTCCAGCCACCAAGAAGCTTCAGAGTTCGCCCACTCGGGGCTGTCCGGCCCTTTTATG  
 CCTCGGAGAACCTAAGGCAGTCCAGACAAGCCAATGAAGAGCATCAAGTATATGGACAAGGAAATAAT  
 AAACCTCAAAAAGGACCTTATACGAAGCCGCTTTTGGATCCAGTCTGTGAAGATAGGCCGTGGATATTTT  
 GCTATTCTGAGGGAAGAGACTGCAAAGAAAAAGAACAACAACCTTCAGAACTGAAAGAGGAGGAAA  
 GAAATAAATTCAGCCAGCCGAAAAGATCTCAGAAATCCACTATGGGGACACCTTATTGAGCACATATGA  
 TGATGAGAAGTTGAAGACACTGGGAGCTAGAGTACACGTCGCCATTCACTCCCATCCACAGCTGCATC  
 ATTTCTCCCTCGCTAACCGAGGCTCACGTCGAGCCCTCTCCGCCAGCTCTGTGCTCTCCACTGGCTTC  
 TGGAGGCCCTGACTATTGACCACACCCACCACCATGAAGCCTGTGATCACCTGCTGGAACCCAAAGGA  
 CCCGGGTGGAAGCAAGAGCACCATTAATAAATCAATAAGGACAAGTCCATGGGACAGAAATGGGAGCAT  
 TTCATCACAGCGCAAAGACCAAGGAATTCAAAATTCACCAATGCGAGTCACCAACCGCAAACCAAGCC  
 GCGGAGGCTCCACACTAAGTCTGAGTCGGGCCAGTGGGGGCTCCTCTCCCAAGAGCAGCATGATCTCTGT  
 GAACCCTGGCTCGGATGAGCCCCAAGTGTGAACACCCAGGTGACCAGCAGCAAGGACATTGAGGACAAT  
 GAGTCACTTCAACCAAGCCAGATGAAGAACCTCTGTATATGAATCTGCAGAAGCTCCTGGAGATGGTTC  
 GGGAGATGCCCGGAGGACAGTACAATAGAAAATGGGATGCAAAGAAAAGCACCAGCATCTTGTGAGT  
 GCTGAAACAAAACAAGAGTAATTCTGCTTATAAGGAAATGCAGACCACTCTAAAATCAAGTGAAGATCC  
 AGCAGTACAAGTGCAGAAAGCCACATCCAACAGTCCAGAAGAAGTCTAAAACCGCACTAATTGTGACA  
 TCAACATCCACTACAAGAGTGGGGTGTGTAACACCATGAGGGCCAAAGTTTACAGCGTAGCCAGGAGGC  
 TGGCTTCTGCCTGCAGGACAAGATGGAATCCTCATGAAGCGCCAAGAAGAGAGAGGATCCAGAAGTTC  
 CGTGCTTTTGTCTTGTCTCAAATTTTCAAAGGACATAGCAAAAATGAGACATCACATATCTGTAGTAA  
 AAGGAGATGCAGAAGAAATTCAGACCACTGGTACTTTGATCTGTGTCCAAACTGCCAGAGGATCTAAA  
 GAACCTCCGCCCCGCCAAAAGATCCTGGTGAAACTGCAGAAGTTTGGAGAAAACCTGGACTTGGGATT  
 CGACCCCATGTCCTCCTGAAGGTGCTGCAGGATCTGAGGATTTGGGAACTGTGCTCCCCTGACATCGCTG  
 TGGCTATTGAGTTTGTGCGAGAACACATCATCCATATGCCTCAAGAGGATTACATCAGCTGGCTGCAGAG  
 CCGGATCAACATACCCATTGGGCCCTACAGCGCCCTGAGG

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG206961 representing NM\_178499  
 Red=Cloning site Green=Tags(s)

MTKVPAKKKLQSSPNSGAVRPFYASENLRQVPDKPMKSIKYMDKEIINLKKDLIRSRFLIQSVKIGRGYF  
 AILREETAKKKKQQLQKLKEEERNKFQPAEKISEIHYGDTLLSTYDDEKLKTLGARVTRRPFPIHSCI  
 ISPSL TEAHVEPLFRQLCALHWLLEAL TIDHTHTMKPVITCWNPKDPGGSKSTIKKINKDKSMGQKWEH  
 FITAPKTEKFIPTMRVTNRKPSRRGSTLSL SRASGGSSPQSSMISVNPGSDEPPSVNTQVTSKDIEDN  
 ESSSTKPDEEPLYMNLQKLEMVREDARRVTIENGMQRKAPSILSVLKQNKNSNSAYKEMQTTLKSSERS  
 SSTSAESHIQPVQKSKNRTNCDINIHYKSGVCNTRAKFYVAQEAQFLQDKMEILMKRQEERGIQKF  
 RAFVLSNFQKDIAMRHHISVVKGDAEEIADHWYFDLLSKLPEDLKNFRPAKKILVKLQKFGENLDLRI  
 RPHVLLKVLQDLRIWELCSPDIAVAIEFVREHIIHMPQEDYISWLQSRINIPIGPYSALR

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_178499

**ORF Size:** 1650 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\\_178499.2](#), [NP\\_848594.1](#)

**RefSeq Size:** 2465 bp

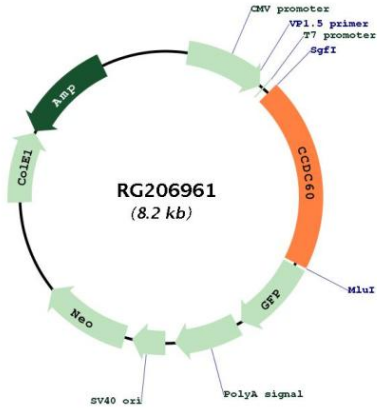
**RefSeq ORF:** 1653 bp

**Locus ID:** 160777

UniProt ID: Q8IWA6

Cytogenetics: 12q24.23

**Product images:**



Circular map for RG206961