

Product datasheet for **RG236021**

CCDC198 (NM_001283060) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CCDC198 (NM_001283060) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CCDC198
Synonyms: C14orf105
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236021 representing NM_001283060.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTATTTTGACATCCCCTGGAACACAGAGAAACAAGTATTATTTAAAGGCATCCACCCAAAGACTT
CAAAGCTTGAACCCATTGACTTGCCACGAGTAATTACTTCAGGAAGACTCCTGAGCCAGCGAGAAGCC
AGGACAATGCACAAAGCAAAGGTAAGTAAAGAAAAGAAAATGCAAACCTCAATGTATACTTCTGAGAACAGA
CAATATTTGCATAAGATGCAAGTCTGGAATGATCCGTAAAAGACAAGAGGCCCAAATGGAGTTAAAG
AAAAGTCTTCATGGAGAGCAAGAATTAATAAGCAAAGTCAAGGGACCATAAAGCCAAGAAAACCTT
CAAAGCACCCAAAGGAATGATGACCATGACCTTCTAACCATGTTGCCTGATGAAATCTTGAACAGAGGT
CCCGGGCAAACCCACAGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236021
Blue=ORF Red=Cloning site Green=Tag(s)

```
MYFDIPLHRETSIIKRHPPQRLQKLEPIDLPRVITSGRLLSQREARTMHKAKVLEKKMQTPMYTSENK
QYLHKMQVLEMIRKRQEAQMELEKSLHGEARINKQSPRDHKAKKTLQSTPRNDHDLTMLPDEILNRG
PGQTHS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

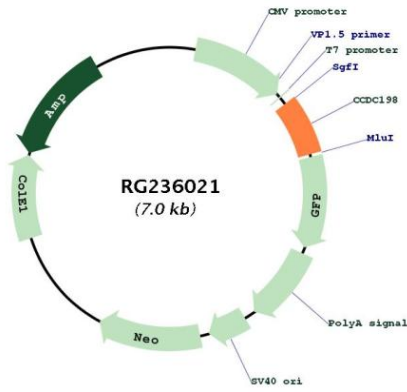


Cloning Scheme:



- ACCN: NM_001283060
- ORF Size: 432 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).
- RefSeq: [NM_001283060.2](#)
- RefSeq Size: 1049 bp
- RefSeq ORF: 435 bp
- Locus ID: 55195
- Cytogenetics: 14q22.3
- MW: 17.5 kDa

Product images:



Circular map for RG236021