

Product datasheet for **RG216902**

CCDC198 (NM_018168) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC198 (NM_018168) 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:	>RG216902 representing NM_018168 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCTGAGTCACTCTAAGACTCACCTTAGGGTGATCAAAGTAGCACCTTTGCAAAACAAGAGGTAG
AGACTCCCTCGGCTGGCCGTGTGGACTTTGCATTCAATCAGAATTTGGAAGAAAAGACTTCATATCACT
GGCAAGACTGCAGGACCAGAATAAAGCCTTGAAGGGCAGCTGCCACCTTTACAAGAAAAGTGGTATGGA
AGATATTTCTACAGCATCCAGAGACATGTATTTGACATCCCACTGGAACACAGAGAAAACAAGTATTATTA
AAAGGCATCCACCCAAAGACTTCAAAGCTTGAACCCATTGACTTGCCACGAGTAATTACTTCAGGAAG
ACTCCTGAGCCAGCGAGAAGCCAGGACAATGCACAAGCAAGGTAAGTACTAGAAAAGAAAATGCAAACCTCA
ATGTATACTTCTGAGAACAGACAATATTTGCATAAGATGCAAGTCTGGAAATGATCCGTAAGGACAAG
AGGCCCAAATGGAGTTAAAGAAAAGTCTTCATGGAGAGGCAAGAATTAATAAGCAAAGTCCAAGGGACCA
TAAAGCCAAGAAAACCTTCAAAGCACCCCAAGGAATGATGACCATGACCTTCTAACCATGTTGCCTGAT
GAAATCTTGAACAGAGGTCCCGGAAATCAAAGAATACAGAAATTTTGAACATCAAGCAGTGAATAACT
GCTGTCCCTGGAAAATTTGGCAAATGGAACATGGCTTCATGAACAAGAGGCCAGGGACAGCTTCTCTG
GGACAGTTCAGCTCTGACTCAGATGAGCAGGGGAAAGATGAGAAGAAGCCACGAGCACTGGTGAGAACC
AGGACAGAGAGAATCCCACCTTTTCGATGAGTTTTTTGATCAAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG216902 representing NM_018168
Red=Cloning site Green=Tags(s)

MGLSHSKTHLRVIKQVAPLQNKVEVETPSAGRVDFAFNQNLEEKTSYSLARLQDQNKALEGQLPPLQENWYG
 RYSTASRDMYFDIPLHRETSIIKRHPQRLQKLEPIDLPRVITSGRLLSQREARTMHKAKVLEKKMQTP
 MYTSENRYLHKMQVLEMIRKRQEAQMELKKSLSHGAEARINKQSPRDHKAKKTLQSTPRNDDHLLTMLPD
 EILNRGPGNSKNTEFLKHQAVNNCCPWKIGKMETWLHEQEAQQQLLWDSSSSDSDEQGKDEKKPRALVRT
 RTERIPLFDEFDQE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018168

ORF Size: 885 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_018168.1](#), [NP_060638.1](#)

RefSeq Size: 2505 bp

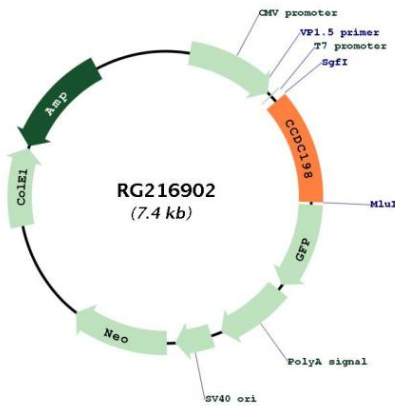
RefSeq ORF: 891 bp

Locus ID: 55195

UniProt ID: [Q9NVL8](#)

Cytogenetics: 14q22.3

Product images:



Circular map for RG216902