

Product datasheet for **RG209490**

C1orf198 (NM_032800) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf198 (NM_032800) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf198
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG209490 representing NM_032800
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GGCGCGCC**

ATGGCGTCCATGGCGGCGGCGATCGCGGCTTCGCGCTCGGCGGTGATGAGCGGGAACCGGCCTCTGGACG
ACCGGGAGCGAAAGCGCTTCACTTACTTCTCGTCGCTGAGCCCCATGGCCAGGAAGATCATGCAGGACAA
GGAGAAGATCCGCGAGAAGTACGGGCCGAGTGGGCGCGCTGCCGCCGCGCAGCAGGACGAGATCATC
GACCGGTGCTTGGTGGGGCCGCGCGCCCGCGCGCCCGAGACCCGCGGACTCGGAGGAGCTCACGCGCT
TCCCCGCTTGC CGGGCCACGGGCCAGAAGGTGGTGGCTTCGGGGACGAGGATCTAAGTTGGCAAGA
TGAGCACTCTGCCCTTTCTCCTGGGAAACAAAGAGTCAGATGGAGTTTCACTATCTCCGCCCTATCCATC
CAGGAGCCGAGCAACGGCACCGCCGCGCAGCGAGCCAGACCACTGTCCAAAGCTTCCAGGGCTCCAGG
CCCTCAAGTCTCCCAAGGCAGCAGGTCTCCAGCCTGGACGCCCTGGGCCCCACCAGGAAGGAGGAGGA
AGCGTCATTCTGGAAGATCAATGCTGAGCGGTCCCGAGGGGAGGGGCTGAGGCCGAGTTCCAGTCGCTG
ACCCCTAGCCAGATCAAGTCCATGGAGAAGGGGAAAAGGTCTTGCCTCCCTGCTACCGGCAGGAACCTG
CCCCGAAGGACAGGGAGGCCAAGGTGGAAGGCCAGCACCTCCGTGAGGAGCAGCGTCTCTTCCCAA
CGTGAGCACCGAACGTGAGAGACCCAGCCTGTCCAGGCCTTCAGCAGTCACTGCACGAGGCTGCCCCC
TCCAGCTCGAGGGAAGCTGCCATCTCTGATGTCAGGCAGGACGATGGGGAAGACACCCTGTTCTCGG
AACCCAAGTTTGACAGGTCAGCTCAAGTAATGTCGTCTTGAAGACGGGATTTGATTTTCTGGACAATTG
G

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG209490 representing NM_032800
 Red=Cloning site Green=Tags(s)

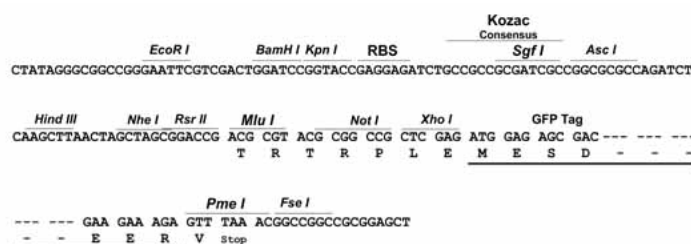
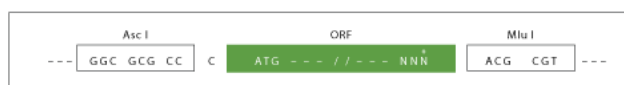
MASMAAAIAASRSVMSGNRPLDDRERKRYTYFSSLSMARKIMQDKEIKREKYGPEWARLPPAQQDEII
 DRCLVGPRAPAPRDPGDEELTRFPGLRGPTGQKVVRFGDEDLTWQDEHSAFWSWETKSQMEFSISALS
 IQPSNGTMAASEPRPLSKASQGSQALKSSQGRSSSLDALGRTRKEEASFWKINAERSRGEPEAEFQSL
 TSPQKSMKEGKVLPPCYRQGEAPAKDREAKVRPSLDLQTEQRPLPNVSTERERPQVQAFSSALHEAAP
 SLEGLKLPSPDVRODDGDTLFSPEKFAOVSSSNVVLKTGFDFLDNW

TRTRPLE - GFP Tag - V

Restriction Sites: Ascl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM 032800

ORF Size: 981 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_032800.3](#)

RefSeq Size: 3733 bp

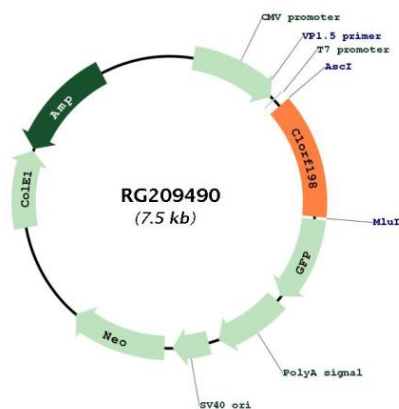
RefSeq ORF: 984 bp

Locus ID: 84886

UniProt ID: [Q9H425](#)

Cytogenetics: 1q42.2

Product images:



Circular map for RG209490