

Product datasheet for **RG235742**

C19orf48 (NM_001290154) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C19orf48 (NM_001290154) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C19orf48
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235742 representing NM_001290154.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACAGTGCTGGAGGCGTCTTGGAGATCCAGGCCATCACTGGCAGCAGGCTGCTCTCCATGGTGCCA
GGGCCCCGACAGGCCACCAGGCTCATGCTGGGACCAACCCAGTGCACAAGGACTTGGCTGCTGAGCCAC
ACACCCAGGAGAAGGTGGATAAGTGGGCTACCAAGGGCTTCTGCAGGCTAGGGGAGGAGCCACCCCCG
CTTCCCTATTGTGACCAGGCCTATGGGGAGGAGCTGTCCATACGCCACCGTGAGACCTGGGCCTGGCTC
TCAAGGACAGACCCGCCTGGCCTGGTGTCCAGGGTGAAGCAGGCCAGAATCCTGGGGAGCTGCTC
TGTTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235742
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MTVLEAVLEIQAITGSRLLSMVPGPARPPGSCWDPTQCTRTWLLSHTPRRRWISGLPRASCRLGEEPPP
LPYCDQAYGEELSIRHRETWAWLSRTDTAWPGAPGVKQARILGELLLV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAVHLPMDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001290154

ORF Size: 351 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_001290154.1](#), [NP_001277083.1](#)

RefSeq Size: 1850 bp

RefSeq ORF: 354 bp

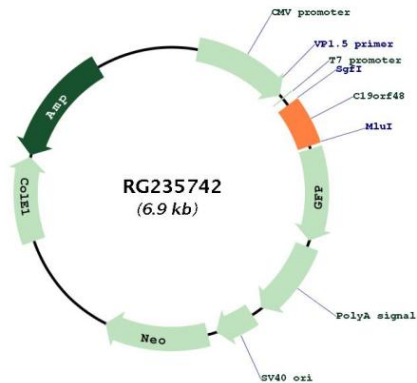
Locus ID: 84798

UniProt ID: [Q6RUI8](#)

Cytogenetics: 19q13.33

MW: 13.1 kDa

Product images:



Circular map for RG235742