

Product datasheet for **RG235788**

C1orf54 (NM_001301042) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf54 (NM_001301042) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf54
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235788 representing NM_001301042.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATGTCTCTTTGTAGCCATCTTTGCTGTGCCACTTATCCTGGGACAAGAATATGAGGATGAAGAA
AGACTGGGAGAGGATGAATATTATCAGGTGGTCTATTATTATACAGTCACCCCGATTATGATGACTTT
AGTGCAGATTTACCATTGATTACTCCATATTTGAGTCAGAGGACAGGCTGAACAGGTTGGATAAGGAC
ATAACAGAAGCAATAGAGACTACCATTAGTCTTGAAACAGCACGTGCAGACCATCCGAAGCCTGTAAC
GTGAAACCAGTAACAACGGAACCTGTGGAAGAAGGCTGCTATGACTCTTTGGATGGGAGTCTGGCAAGA
GGAAATTGGAAGATAAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235788
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MDVLFVAIFAVPLILGQEYEDEERLGEDEYYQVYYYYVTTPSYDDFSADFTIDYSIFESEDRLNRLDKD
ITEAIIETTSLETARADHPKPVTVKPVTEPVEEGCYDSL DGLARGNWKIK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

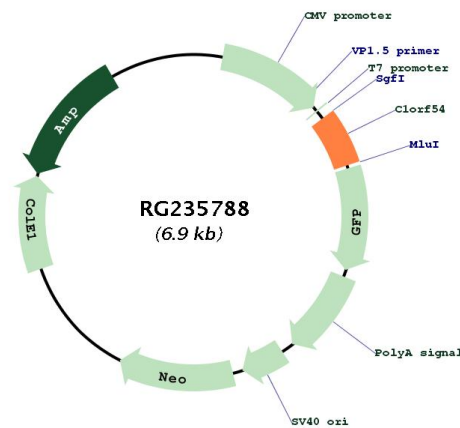
Restriction Sites: Sgfl-Mlul



Cloning Scheme:



Plasmid Map:



ACCN: NM_001301042

ORF Size: 363 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:	<u>NM_001301042.1</u> , <u>NP_001287971.1</u>
RefSeq Size:	425 bp
RefSeq ORF:	366 bp
Locus ID:	79630
Cytogenetics:	1q21.2
Protein Families:	Secreted Protein
MW:	14.3 kDa