

Product datasheet for **RG235861**

C3orf14 (NM_001291942) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C3orf14 (NM_001291942) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C3orf14
Synonyms: HT021
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235861 representing NM_001291942.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGACTTCCTTGTTTGCTCAAGAAATTCGCCTTTCTAAAAGACATGAAGAAATAGTATCACAAAGATTA
ATGTTACTTCAACAAATGGAGAATAAATGGGTGATCAACACACAGAAAAGGCATCTCAACTCCAACT
GTTGAGACTGCTTTTAAAAGGAACCTTAGTCTTTTAAAGGATATAGAAGCAGCAGAAAAGTCACTACAG
ACCAGGATTCACCCACTCCACGGCCTGAGGTGGTTTCTCTTGAGACTCGTTACTGGGCATCAGTAGAA
GAATATATCCCAAATGGGAACAGTTTCTTTTAGGAAGAGCACCATATCCTTTTGCTGTTGAAAATCAA
AATGAAGCAGAAAATACCATTCAAATGAGGCACAGCGA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235861
Blue=ORF Red=Cloning site Green=Tag(s)

```
MTSLFAQEIRLSKRHEEIVSQRLMLLQMQMENKLG DQHTKASQLQTVETAFKRNL SLLKDIEAAEKSLQ
TRIHPLPRPEVVSLETRYWASVEEYIPKWEQFLGRAPY PFAVENQNEAENTIQNEAQR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001291942

ORF Size: 384 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_001291942.2](#)

RefSeq Size: 3320 bp

RefSeq ORF: 387 bp

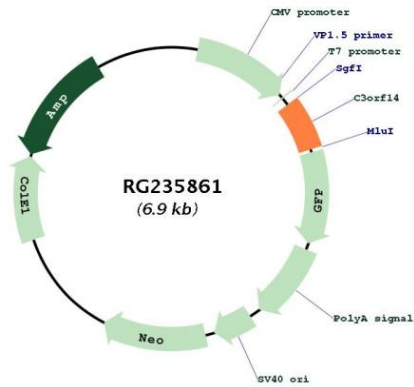
Locus ID: 57415

UniProt ID: [Q9HBI5](#)

Cytogenetics: 3p14.2

MW: 15 kDa

Product images:



Circular map for RG235861