

Product datasheet for **RG235886**

C1orf162 (NM_001300834) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf162 (NM_001300834) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf162
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235886 representing NM_001300834.
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGAGGCAATGGCTCCACATGTAAACCCGACACTGAAAGACAAGGCACTCTCTCCACAGCAGCCCCA
ACAACCTAGCCCTGCACCTGTCTCTCTAACCACCACAACAAAAACATTTAATCCTTGCCTTTGTGCT
GGGTTTCTACTGACACTGCTGCTGATAGCCTTTATCTTCCTCATCATAAAGAGCTACAGAAAATATCAC
TCCAAGCCCCAGGCCCGAGATCCTCACTCAGATCCTCCAGCCAAGCTTTCATCCATCCAGGGGAATCA
CTTACCTATGCCAGCACAACTTTCAAACCTCAGAAGAAAAGAGCAATCACTTGGCTGAGAACCATTCT
GCAGACTTTGACCCATTGTCTATGCTCAAATTAAGTAACAAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
```

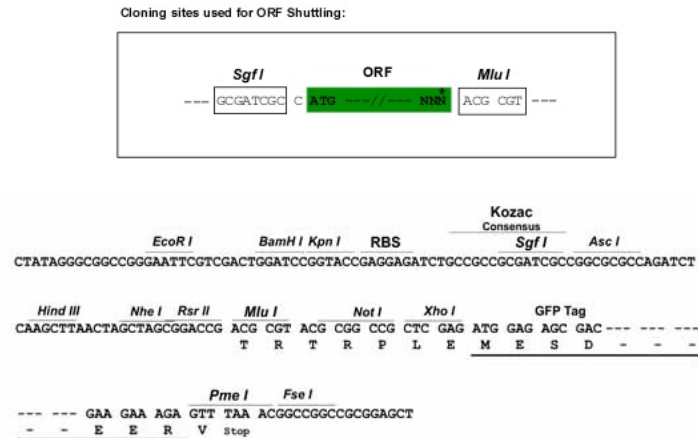
Protein Sequence: >Peptide sequence encoded by RG235886
 Blue=ORF Red=Cloning site Green=Tag(s)

```

MGGNGSTCKPDTERQGLSTAAPTTPAPCLSNHHNKKHLILAFCAVLLTLLLIAFIFLIKSRYKYH
SKPQAPDPHSDPPAKLSSIPGESLTYASTFKLSEEKSNHLAENHSADFDPVYAQIKVTN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
```

Restriction Sites: SgfI-MluI


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Cloning Scheme:


ACCN: NM_001300834

ORF Size: 396 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).

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001300834.2](#)

RefSeq Size: 970 bp

RefSeq ORF: 393 bp

Locus ID: 128346

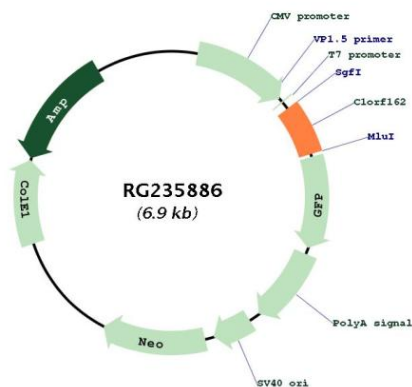
UniProt ID: [Q8NEQ5](#)

Cytogenetics: 1p13.2

Protein Families: Transmembrane

MW: 14.5 kDa

Product images:



Circular map for RG235886