

Product datasheet for **RG235768**

APRG1 (C3orf35) (NM_001302832) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: APRG1 (C3orf35) (NM_001302832) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: APRG1
Synonyms: APRG1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235768 representing NM_001302832.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAAACAATGGCAACAAGAAAAGGTGTAACTTTCCAGAACAGGCCAGAATTTGAAAATGTGATA
AAGAGGTTATTGTGCGCCGAACTTTTACACAAGAATTGGAGGAGATTTAACACATGGAATAATAAAC
AGAGGAAGGCGGGCTAATGCAGAGCAGATGGGCCTGCAGGGCAGTGCTCAGCATTCAACATCTTTCCC
CTGGACCTTTGGACCAAGGTGATTGCATGCTGGTGTCTTAGCTAAAAATAAGTTAATGTCTTTGGG
GCAATCATAAATATGGCTGCTTCAGTTTCTGGGTGATTGGTGGTCTAAAGTTTTCAAGAACCTACTAT
GTGAAAGGCATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235768
Blue=ORF Red=Cloning site Green=Tag(s)

```
MKTMATRKRCKLSRTGPEFENVIKRLLCARTFHTRIGGDLTHGIINRGRANAEQMLQGSAQHFNIFP
LDLWTQDCMLVSLAKNKVNVFGAIINMAASVSGVIGGLKFSRTYYVKGI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001302832

ORF Size: 357 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_001302832.1](#), [NP_001289761.1](#)

RefSeq Size: 1748 bp

RefSeq ORF: 360 bp

Locus ID: 339883

UniProt ID: [Q8IVJ8](#)

Cytogenetics: 3p22.2

Protein Families: Transmembrane

MW: 13.2 kDa

Product images:



Circular map for RG235768