

## Product datasheet for **RG236066**

### GRIFIN (NM\_001291784) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GRIFIN (NM\_001291784) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** GRIFIN  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236066 representing NM\_001291784.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGTGCAGTCTAAAGCCTTCTGTGCGGGCGGCTGGCCCCGGCTGGAAGCTGCTGGTCCAGGGA
CATGCTGACTCTGGAGAGGACAGGTTCCGAGACTAATTCTTGTGGAGACGGGGGACATTGCCTCCAC
ATCAAGCCCCGGTTCTCCAGCGCCACTGTGGTGGGCAATGCCTCCAGTACGGCCGCTGGGGCCGGAG
CAGGTGTCTAGCATCTTCCCGCTGGCCCCGGGGAGCCCTTTGAGGTGACAGGGGCTGGCTGCCAG
ATAGAGGTCAGTGGGACGCGGAGCACTCCACGTCTACGCCCGGAGCACAAGGTGCTACAGTTCCA
TGCCGTCAGAGGCCGCTGGGCGCCACCACAGGGTGCGCGTGCTGAGTGACCACTGCCTGGCCAGGTG
GAGCTGGCCAAGAGGGGCTGAGCTGGGGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236066  
Blue=ORF Red=Cloning site Green=Tag(s)

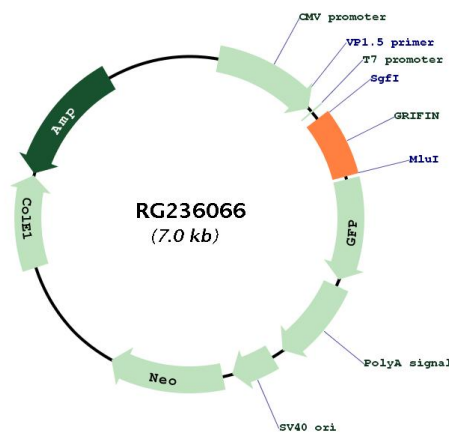
```
MAVQSKAFCAGGLAPGWKLLVQGHADSGEDRFETNFFLETDGIAFHAIKPRFSSATVVGNAFYQYRWGPE
QVSSIFPLAPGEPFEVTGAWPAQIEVSWDAEHFHYAPEHKVLQFPCRQRPLGATTRVRVLSHDCLAQV
ELAKRGLSWG
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSVSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**

**Plasmid Map:**


ACCN: NM\_001291784

ORF Size: 444 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](#)

|                        |  |
|------------------------|--|
| <b>OTI Annotation:</b> | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| <b>Components:</b>     | 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). |
| <b>RefSeq:</b>         | <u>NM_001291784.1, NP_001278713.1</u>  |
| <b>RefSeq Size:</b>    | 447 bp   |
| <b>RefSeq ORF:</b>     | 447 bp   |
| <b>Locus ID:</b>       | 402635   |
| <b>Cytogenetics:</b>   | 7p22.3   |
| <b>MW:</b>             | 16.8 kDa   |