

Product datasheet for **RG235909**

FAM107B (NM_001282700) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM107B (NM_001282700) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FAM107B
Synonyms: C10orf45; HITS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235909 representing NM_001282700.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGAGCCAGACTACATAGAAGATGACAATCCTGAACTCATTAGGCCTCAGAACTGATCAATCCT
GTAAAAACCTCCCGAACCATCAAGATCTTACAGAGAACTTCTTATGAATCAAAAAAGGGTCTTGCT
CCTCAGAACAAACCAGAATTGCAGAAGGTGATGGAAAAAGAAAACGAGACCAAGTAATAAAGCAGAAG
GAAGAAGAAGCACAGAAGAAGAAATCTGACTTGGAAATAGAGCTATTAACGGCAGCAGAAGTTGGAG
CAGCTTGAAGTGAAGAAGCAGAAATGCAAGAAGCAAGAAAATGCCCCGAGTTGTGAAGGTGAAA
GGCAATCTCAGGAGAACAGGCCAAGAAGTCGCCAAGCCAGGAGTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235909
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MAEPDYIEDNPQLIRPQKLINPVKTSRNHQDLHRELLMNQKRLAPQNKPELQKVMKRRDQVIKQK
EEEEQKKKSDLEIELLKRQKLELELEKQKLEEEQENAPEFVKVGNLRRTGQEVAAQES
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

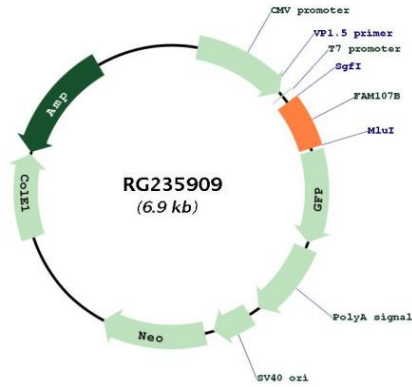


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Cloning Scheme:


- ACCN:** NM_001282700
- ORF Size:** 393 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_001282700.2](#)
- RefSeq Size:** 3257 bp
- RefSeq ORF:** 396 bp
- Locus ID:** 83641
- UniProt ID:** [Q9H098](#)
- Cytogenetics:** 10p13
- MW:** 16 kDa

Product images:



Circular map for RG235909