

## Product datasheet for **RG231853**

### **TMEM235 (NM\_001204212) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TMEM235 (NM\_001204212) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** TMEM235  
**Synonyms:** ARGM1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG231853 representing NM\_001204212  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCCCGGTGGGCGCGCTGCTCCTGGCCGCCCTGGGTGCACTGCTCAGCTTCGGCTCCTGGCCG  
 CCGCGGTCCGAGCGACTACTGGTACATCCTGGAGGTGGCGGACCGGCAATGGCAGCGCTGGCCCG  
 GCGCGCAGAGCTGCTCCTCGCACTCGGGCTCTGGCGCATCTGCGAAGGTGCTCCTGACTGGCGGG  
 GTCAGCATCTACATCAGCTACTCGACCTGGCCTTTGCGGAGACGGTGCAGCAGTATGCCCGCAGCACA  
 TGCAGGGCGTCCGCGTCAGCTTCGGCTGGTCCATGGCCCTGGCCTGGGGCTCCTGTGCCTGGAGGCATT  
 CAGCGGAACCCTCCTGCTCCTCAGCTGCCTGGACCCTCAGCCTGAGCCCCCAATCTGTGGTCATCTGAGT  
 CCCAGCAGGTGGGAGGGAGAGGGGGAGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG231853 representing NM\_001204212  
 Red=Cloning site Green=Tags(s)

MARLGALLLAAALGALLSFALLAAAVASDYWYILEVADAGNGSAWPGRAELLSHSGWLWRICEGVLTLAG  
 VSIYISYSHLFAETVQYQYQHMVQGVVRSFGWSMALAWGSCALEAFSGTLLLSAAWTLSPPICGHLS  
 PQQVGGRRGGD

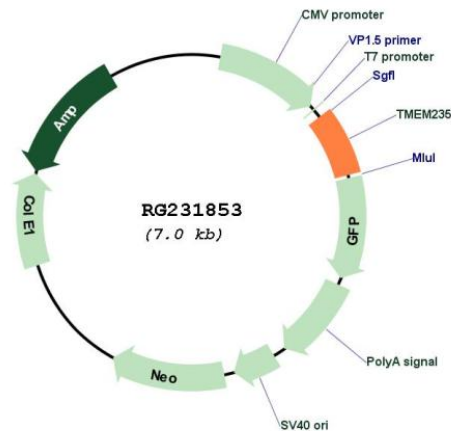
**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**

**Plasmid Map:**


ACCN: NM\_001204212

ORF Size: 450 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.

<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u>NM_001204212.2</u>
<b>RefSeq Size:</b>	2290 bp
<b>RefSeq ORF:</b>	453 bp
<b>Locus ID:</b>	283999
<b>UniProt ID:</b>	<u>A6NFC5</u>
<b>Cytogenetics:</b>	17q25.3
<b>Protein Families:</b>	Transmembrane