

## Product datasheet for **MG217633**

### **Tmem235 (NM\_001085535) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem235 (NM\_001085535) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Tmem235  
**Synonyms:** Cldn27; Gm12581; OTTMUSG00000007589  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG217633 representing NM\_001085535  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCTGCTAGCCACCTTGCTCCTGAGCGCAGCCCTGGGCGCCTTACTCAGCTTCGGCTGCTGGCAG  
CGGCTGTCGCCAGCGACTACTGGTACATCCTGGAGGTGGCGGACGCTGGCGGCCTCGGTGGCGTGCAGCT  
CTTCTCGATTCCGGCTCTGGCGCACCTGTGAAGGGCAGAACAGCTGCGTGCCCTGATTGACCCATTT  
GCCAGTGCCGGCCTGGAAGTTTCTCCCTCCGTACAGCACCTGCTCTCCCTGCATCGCACAGTCATGGTAG  
TCTTGCCCTGAGCCTCGTCTCATCGTATGTGGTTGGGTCTGCGGCTTGCTCAGCTCCCTATCCCAGAG  
TGTCCCTCTGCTGCTGGCCACTGGCTGCTACTTCTTGCTAGGGGGTGCCCTGACCCTGGCAGGGCTCAGC  
ATCTACATCAGCTACTCACACCTGGCATTTCGTGGAGGGCGCCCGCACGTACGGCGTGACGCACGTGCAGA  
ACGTGCACATCAGCTTCGGCTGGTCACTGGCCCTGGCCTGGGCTCCTGCGCCTCGGAGGTGCTCAGCGG  
GGCCCTCTGCTCGCAGCTGCCCGGCTCCTCAGCCTGAGCCAGCGCCAGGAGTGCCCCACTCTGTGATC  
CTC

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG217633 representing NM\_001085535  
 Red=Cloning site Green=Tags(s)

MALLATLLL SAALGALLSFALLAAAVASDYWYILEVADAGGLGGVQLF SHSGLWRTCEGQNSCVPLIDPF  
 ASAGLEVSPSVQHLLSLHRTVMVVLPLSLVLIVCGWVCGLLSSL SQSVPLLLATGCYFLLGGALTLAGLS  
 IYISYSHLAFVEAARTYGVTHVQNVHISFGWSLALAWASCASEVLSGALLLAAARLLSLSQRPGVPHSVI  
 L

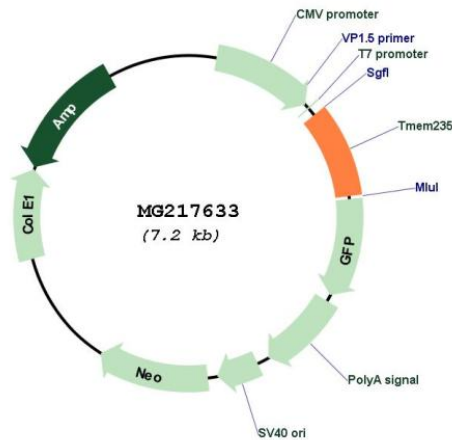
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001085535

**ORF Size:** 633 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<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>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>	<a href="#">NM_001085535.1</a> , <a href="#">NP_001079004.1</a>
<b>RefSeq Size:</b>	1820 bp
<b>RefSeq ORF:</b>	636 bp
<b>Locus ID:</b>	546519
<b>UniProt ID:</b>	<a href="#">B1AQL3</a>
<b>Cytogenetics:</b>	11 E2