

## Product datasheet for **MG223273**

### Tmie (NM\_146260) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmie (NM\_146260) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Tmie  
**Synonyms:** 5131400L21Rik; Mm.87012; sr  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG223273 representing NM\_146260  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGGGAGGCAGCATGGCTCGGGCGGCTCTGGGCGCTGGGCGGCCCGCGCTGGGGGCTTGCTGG  
 CGGGTGTCCGACGCAGCTGGTAGAGCCCAGCACCGCCAAAGCCCAAGCCGCCACTGACCAA  
 GGAGACTGTGGTGTCTGGGACATGCGCCTGTGGCACGTGGTGGGCATCTTTTCGCTCTTCGTGTTGTCC  
 ATCATCATCACGCTATGCTGTGCTTCAACTGCCGGTGCCACGGACGCGGAAGGAGATCGAGGCTCGGT  
 ATCTACAGCGAAAGGCGCCAAGATGTACACAGACAAGCTGGAGACTGTGCTCCCTTAATGAAGTAC  
 AGAAATCCCTGGAGAGGACAAGAAGAAAAAGAAGGACAGTGTGGACACAGTGCTATCAAGGTAGAG  
 GAGGACGAGAAGAATGAGGCGAAGAAGAAAGGAGAGAAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG223273 representing NM\_146260  
 Red=Cloning site Green=Tags(s)

MAGRQHSGSRLWALGGAALGAFLAGVATQLVEPSTAPPKPKPPPLTKETVVFWMRLWHVVGIFSLFVLS  
 IIITLCCVFNCRVPRTKEIEARYLQRKAAKMYTDKLETVPPLNELTEIPGEDKKKKKSDVDTVAIKVE  
 EDEKNEAKKKGEK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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<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_146260.2, NP_666372.1</u>
<b>RefSeq Size:</b>	2437 bp
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	20776
<b>UniProt ID:</b>	<u>Q8K467</u>
<b>Cytogenetics:</b>	9 60.79 cM
<b>Gene Summary:</b>	Unknown. The protein may play some role in a cellular membrane location. May reside within an internal membrane compartment and function in pathways such as those involved in protein and/or vesicle trafficking. Alternatively, the mature protein may be localized in the plasma membrane and serve as a site of interaction for other molecules through its highly charged C-terminal domain.[UniProtKB/Swiss-Prot Function]