

## Product datasheet for RN214793

### Tmod1 (NM\_013044) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tmod1 (NM\_013044) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tmod1  
 Synonyms: E-Tmod; Tmod  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN214793 representing NM\_013044  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTACAGACGAGAGCTGGAGAAATATCGAGACCTGGATGAGGATGAAATCCTGGGGCCCTCACAG  
 AGGAGGAGCTCAGGACACTGGAAAACGAGCTGGATGAGCTAGACCCTGATAATGCACTGCTCCCTGCAGG  
 CCTGAGGCAGAAGGATCAGACCACCAAGGCACCCACAGGCCCTTTAAAAGAGAGGAGCTTTTGGACCAC  
 TTGAAAAAGCAAGCGAAGGAATTTAAGGACCGAGAAGACCTGGTTCCCTACACAGGGGAGAAACGAGGAA  
 AGATCTGGGTTCCCAAGCAGAAGCCAATGGATCCCGTGCTGGAGAGCGTGACGCTGGAGCCGGAACCTGGA  
 GGAGGCCCTAGCAAAATGCCTCAGATGCCGAACATGTGACATTGCAGCTATTCTGGGCATGCACACGCTC  
 ATGAGCAACCAGCAGTACTACCAAGCCTTGGGCAGCAGCTCCATCGTGAACAAGGAGGGGCTCAACAGTG  
 TGATCAAACCCACACAGTACAAGCCTGTGCCTGATGAAGAACCAATCAACAGATGTAGAGGAAACGCT  
 GGAGCGAATAAAGAACAATGACCCAGAACTTGAAGAGGTTAATCTTAACAACATCCGGAATATCCCAT  
 CCCACTCTAAGGCGTACGCGGAAGCCCTGAAAGAGAACTCCTACGTGAAGAAGTTACAGCATCGTGGGA  
 CCCGCAGCAATGACCCTGTGGCATTGGCTTGGCTGAAATGCTGAAGGTGAACAAGGTGTTGAAGACGCT  
 GAATGTGAGTCCAACCTCATCTCCGGAGCTGGGATCCTGTGCCTGGTGAAGCTCTCCCCACAACACT  
 TCTCTGGTCAACTGAAAATCGACAACCAGAGCCAGCCTTTGGGCAACAAGTGGAAATGGAGATCGTGA  
 ACATGTTGGAGAAAAACAACACTCCTCAAATTTGGCTACCACTTTACCAGCAGGGGGCCCGGCTGCG  
 GGCATCCAACGCCATGATGAACAACAACGACCTTGTGAGGAAGAGGAGGCTCGCAGACCTGACGGGGCT  
 ATTATTCCAAGTGCCGACGGTGTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_013044



<b>Insert Size:</b>	1080 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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_013044.2, NP_037176.2</u>
<b>RefSeq Size:</b>	2615 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	25566
<b>Cytogenetics:</b>	5q22
<b>Gene Summary:</b>	blocks the elongation and depolymerization of the actin filaments at the pointed end [RGD, Feb 2006]