

## Product datasheet for **RN203367**

### **Tpmt (NM\_001079531) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tpmt (NM\_001079531) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tpmt  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN203367 representing NM\_001079531  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCACTCGGTATCAAAGAGCACCCCTGATGCTGAGGTACAAAAGAACCGGGTACTAACCCCTGGACGACT  
 GGCAAGACAAGTGGGTGACCCGTCACATCGCATTCCATCAGGAGCAAGGGCATCAGCTATTAAGAAGCA  
 TTTTCGATACATTTCTTAAAGGGCAGAGTGGACTGAGAGTGTTCCTCCGCTCTGTGGAAAAGCCATTGAG  
 ATGAAATGGTTCGCAGACCGGGCCACACTGTAGTTGGTGTAGAAATCAGTAAAATTGGGATTCGGGAAT  
 TTTTTCAGAACAGAATCTGTACATACAGAGAAGAACCGCTCACCGAAATTGCTGGTGCCAAAGTGTAA  
 GGTTTGCCTGACTATGAGTTCTTCGGGAACATTTCTTATACTGTTGCAGCATTTTCGACCTTCCAG  
 ATAAAACGTAACAACCTTTCCCTCCCTCTCTTTGGAGCAGAGCAAAATCGGCAAGTTTGACAGGATTT  
 GGGATAGAGGAGCATTGGTGGCTGTCAATCCAGGCGATCGTGACCGCTATGCAGATATAATACTGTCCCT  
 GCTGAGAAAAGGGTATCACTACCTCCTGGTTGCCTTTCTTATGATCCAACAAAACACACAGGCCCGCCA  
 TTTTATGTTCCAGATGCTGAACCTAAAAGTTATTTGGTACAAAATGCAACATGCAATGCCTTGAGGAGG  
 TGGATGCTCTTGAAGAAAGGCATAAAACCTGGGGAGTCGACTACTTTTCGAAAATTGTATCTCCTTAC  
 TGAGAAG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001079531  
 Insert Size: 780 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><a href="#">NM_001079531.1</a></u> , <u><a href="#">NP_001072999.1</a></u>
<b>RefSeq Size:</b>	826 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	690050
<b>Cytogenetics:</b>	17p14
<b>Gene Summary:</b>	structural protein of tight junctions; expression in brain is reduced in diabetic rats [RGD, Dec 2006]