

## Product datasheet for **RN215292**

### **Tpte2 (NM\_001108877) Rat Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                     |
| Product Name:      | Tpte2 (NM_001108877) Rat Untagged Clone |
| Tag:               | Tag Free                                |
| Symbol:            | Tpte2                                   |
| Synonyms:          | Tpte                                    |
| Vector:            | pCMV6-Entry (PS100001)                  |
| E. coli Selection: | Kanamycin (25 ug/mL)                    |
| Cell Selection:    | Neomycin                                |



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**Fully Sequenced ORF:** >RN215292 representing NM\_001108877  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACGGGAGTCAAAAAGAGCCATTTGTATCTCTGGATGGAGCACTACGGATACGATGGCCTGCAAGT  
 CCAGGGTGTATTCTCAGCTCTCCAGAAGAAGACGCAATGCAAACAAAAGGTGTTATCGAGCACGTCGAA  
 GTCCACTAACTAAACGGCAGCATTGGCTATGACGAAATGAAGAGACAACCACGTTCACTAACGGAAAT  
 AGCATTGACAGTATGTCGTATCAAGATGACATGAAATCGTCAAATTGCATGGACCCACCAGTGAAGAAA  
 GATATGGAATGATTTCGTCATTACACCATGACGGAACCTTGAACAACGGCACAACCCTGTATGAAAT  
 GAATTCCTTGAGTGAATTATCGAAAGAAGTATACCTGAACGATTCTGCTTTGCTACGTGGTAAAGAAGCT  
 GCCAGCGAACTCCAAGTCTCAAGTACAATGAAAACACAATCATCTGTGTCGACCAGCATTCTCAGCACAT  
 CTGATTTAATATCAGAAGAAATCCAGGAAGAGCAAATCAACAAATGCAAGTTAAACCAGATCTCCAAGT  
 GTACGACGAGGACGAGCATGTTGACATCCGAGAGTCATACTGGAGCACAGTTAAGAAATTTGTGCATTTT  
 CTGTGTCTCAGTTGCCTTCAAGTATTTGGAATACTCCTGATCTTTCTGGATGTATTTCTGTGGCTA  
 TCGATCTACATGCCACTGAAAAGAATTTTATATTCCTTTGGAATATCGGGCCATTTCTTTAGCTATTGC  
 TTTATTTTCTTGTGGATGTTCTTCTCCGAGTGTATGTAGAAGGGAGACAGCGTTATTTCTCTGACGTG  
 CTGAACACCCTAGATGCTGTTGTCATCGGCGTACTGTGCTCGTGGCTGTCATTTATACACTTTATGACA  
 AACAGTTTCTCAGAAATATTCCAAGACTGGCAGTCTTACTTCGGCCTCTGCGACTGCTCATCCTGGTAAAG  
 AATTTTGCAGCTGGCCATCAGAAGCGACAACCTGGAAAAGCTGACTCGGCAGCTGGTTTCGGGTAAACAAG  
 CGACGCTACAAGAAGGATGGCTTCGACCTGGACCTCACTACGTCACTGAGCGCATTATTGCCATGTCAT  
 TTCCATCATCTGGAAGGGAGTCTTCTATAGAAATCCAATTAAGGAAGTTGTCAGGTTCTCGACACCAA  
 GCATCCAACCCTATCAAGTCTACAATCTATGCAGTGAGAGATCTTATGACCCTAAGCGCTTCCACTAC  
 AGGGTCCGAGAATCATGATTGATGATCAACGTACCTACCCTCGAGGAAATGTTGTTGTTCTCCAAGG  
 AAGTAAATGATTGGATGGCCCAAGATCCTGAAAATGTTGTAGCAATTCAGTGTAAAGGGAGAAAAGGGAG  
 AACTGGAACCATGGTGTGTGCCTGCCTCATTGCCAGTGAATAGTCTAAACGCAAAGGCAAGTCTGTAC  
 TTTTTGGAGAGCGACGGACAGATAAAAGTAACAGCTCTAAGTTTCAAGGAGTAGAGACCCTTCTCAGA  
 ATAGATATGTTAAATATTTGAAAACGAAAAGTACTACCAATTGACTCTTCTCCAAAAAAGTACT  
 TGTGATAAAAAGATTCAGTGTACTCCATTGTTGTTGAAAAGGCAATGGAAGTATGATATTTTCATGATG  
 CAAATAATGATGTGGCAGGAGACGATTTTTCTGTTTTAATTCAAAAATTTGATGATATTTTCATGATG  
 TTGAAACAGACAAAGTAATAATTAATGTGTTCAACTGTCCGGCTCTATATGATGATGTAAGAAAGTAAAT  
 TCTCTGTCCGAATCTTCTAAATACTATGATGACTGCCCTTTTTCTTTGGTTTCATACATCTTTTATT  
 CGAAATAACAGGCTTTATCTACCAAGAAGCGAATTTGGATAATACCATAAACAAAAACATGGAAAAATTT  
 ATGGTCCAAGTTTGCAGTCGAGGTGATTTTTGAGGAGATAAGCTCCACGGTTATGTACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001108877

**Insert Size:** 2022 bp

**OTI Disclaimer:** 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).

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001108877.1](#), [NP\\_001102347.1](#)

**RefSeq Size:** 2566 bp

**RefSeq ORF:** 2022 bp

**Locus ID:** 364629

**Cytogenetics:** 16q12.5