

## Product datasheet for MC229747

### Ttc28 (NM\_001267622) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ttc28 (NM\_001267622) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ttc28  
**Synonyms:** 2310015L07Rik; 6030435N04; AI428795; AI851761; BC002262; TPRBK  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC229747 representing NM\_001267622  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACAGCCGCCCTCTGGCGCCGAGCCGGCCTCGGCGGGAGCCGAGCCGCGGGGAGCCGGAGT  
 CTCGCCCGCCGCGATTCTCTTTGGTCTAGGACTGTTGCCAGAGAAGCCCTGACGAGCCAGCACT  
 GAGCAAAGCTGAGTTTGTGAGAAAGTTGTCAGAGTAACCAGGCTGTCATGATGGAGACTTCCACACA  
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 CAGCCTACATGAAAACCCAGCAGTACCACAAGGCGCTGGACGATGCCATCAAAGCCCGGCTCCTCAACCC  
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 CCATGAAGTCTCCATGAGAGACACCCTGGAGCCCACTTACCAGCAGCTTCAAAAATGAAACTGGACAA  
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 TGAGCAGTGCACACTGGTCTCTTGGCAACACAGAGAAGAGCACTGGGTACATGCAGCAAGACTTGGATGT  
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TGGGCAACGCCTACAACGCCCTGGGCATGTATGACCAGGCTGTCAAGTACCACCGTCAAGAGCTGCAGAT  
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 GGCTTCCAAGATGTTCTGTTACGCTTCTACTCATCCCTGCTGAATGGCCTGAAGGCCAGCGCCTCCCTG  
 GGCGAGGCCATGAAGGTGGTGCAGAGCAGCAAGGCCCTTCTCACATCCCTCCAAGTGGGCAGGTTTACAC  
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GCACCCGAGCGGGCACGGGACGCCCTGCGCGTGCTGCTGCACCTGGTGGAAAAGTCCCTGCAGCGGATC  
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 CCCCAAGCGCCTCAGCCTGGACAGTTTCTCCTCTCTGGAGTCCCTGGCATCCGCACAGTCTGTGTCCAAC  
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 TTTCTGTGTACAGTCTCAGTCAATCGCCTCTCCATGAGTTTTGTCTCCAAGCCCGAGGGGGTGGTA  
 AGGCGGGGTCCCGAGGACGACAGGACTATGATAGGTCCAAGAGCACCCACCCGCAACGAGCCACCCTG  
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 GCTCAGACACAGGTGAGTCGGACCAGTCCAGCACGGAGACCGACAGCACTGTGAAGTCCCAAGAGGAGAG  
 CACCCCAAAGCTGGACCCCAAGGAGTGGCCAGAGGATCCTAGAGGAGACCAAAAGCCATCTCCTGGCA  
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 CATTTCCAAGTCCCCAGGAACACTTCCCTGCGTGCAGCGGCCATCTCCAGCACTCTCGTACTCTTCA  
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 TGCTCTGGCAGAGCACACCCAGCCCCAGGGGCCCGGAAAACATGTGAGGTGCACCGGAAACCT  
 GACGTCAAAAAGAGATGCTCAGCCTGCTGAACCTGTCCCTCGGCACGGCAAGGAGGAGGTGGGGCA  
 GACAGGCTGGAAGTGAAGGAGTGTCTGTGCAGCGCATGACGAGGTGCCACCCAAAGTCCCCACCAACG  
 GCCACTGGTGCACGGATACAGCAACTGACCACGGCCGGTGGCCGACGACACAGCTGCCCGCGCCC  
 TCTGAGACTTCCCTTGCCAACGGTTACAAGTTCCTGTCCCAGGAAGGCTTCCCTTCTCCAAATGT  
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001267622
- Insert Size:** 7353 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001267622.1](#), [NP\\_001254551.1](#)

**RefSeq Size:** 10702 bp

**RefSeq ORF:** 7353 bp

**Locus ID:** 209683

**UniProt ID:** [Q80XJ3](#)

**Cytogenetics:** 5 F

**Gene Summary:** During mitosis, may be involved in the condensation of spindle midzone microtubules, leading to the formation of midbody.[UniProtKB/Swiss-Prot Function]