

## Product datasheet for **MC225334**

### Ttc28 (NM\_024477) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ttc28 (NM\_024477) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ttc28  
**Synonyms:** 2310015L07Rik; 6030435N04; AI428795; AI851761; BC002262  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225334 representing NM\_024477  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAACAGCCGCGCCTCTGGCGCCGAGCCGGCCTCGGCGGGAGCCGAGCCGCGGGGAGCCGGAGT  
 CTCGCGCGCGCCGATTCTCTTTGGTCTAGGACTGTTGCCAGAGAAGCCCTGACGAGCCAGCACT  
 GAGCAAAGCTGAGTTTGTGAGAAAGTTGTCAGAGTAACCAGGCTGTCATGATGGAGACTTCCACACA  
 GCTATCGTGCTGTACAATGAAGCCCTGGCAGTTGACCCTCAGAAGTGCATTTTGTATAGCAACAGATCTG  
 CAGCCTACATGAAAACCCAGCAGTACCACAAGGCGCTGGACGATGCCATCAAAGCCCGGCTCCTCAACCC  
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 GACCTCAAGGACCGGCAGCAGAGGGCCGTGCATCCTCCAATTTGGGGATAATCCACCAGATGAAAGGCC



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ATTATGACACAGCCCTGAAGCTCCACAAGACCCACCTGTGCATCGCCCAAGAGCTGAGTGACTATGCAGC  
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 GCTCTGTGGCCGTGCCGGTTCGCGGCTTCAAGATGTTTCGTTACGCCTTCTACTCATCCCTGCTGAATG  
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CTCCAACCTGGGCAGGTTTCACACTTATCGGGAGTGACGTCAAACCTGAACAGCCCCCTCGTCACTCATCGGC  
CAAGCTCTCACGGAGATCCTGCAGCACCCGGAGCGGGCACGGGACGCCCTGCGCGTGCTGCTGCACCTGG  
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CTAAGGGAAGCGTCAGCACTCCCAACTCCCCGTGAAGATGACCTGATCCCCAGCCAAACTCACCCCTT  
CCAGAAAGTGGGGAAACTGGCAAGCTCAGACACAGGTGAGTGGACCAGTCCAGCACGGAGACCGACAGC  
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ATCCTCTCATCAGAGGAGCCAGTGTGCCACTCACTGTCAAACCACAGCCCCAGCCAGGAGTTCAT  
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CAGCCACCATCACCTGGCCGTGACACTCCAGTCTCCCCGGCAGACCCGCCACTTTCAGACTCAAGTAC  
CCCAGTCTCCTTACAGCGCTCACATTTCCAAGTCCCCAGGAACACTTCCCCTGCGTGCAGCGGCCAT  
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TGTCGAGGTGCACCGGAACCTGACGTCAAAAAGAGATGTCCTCAGCCTGCTGAACTTGTCCCCTCGC  
ACGGCAAGGAGGAGGGTGGGCGAGACAGGCTGAACTGAAGGAGTGTCTGTGCAGCGGCATGACGAGGT  
GCCACCCAAAGTCCCAACCGCCACTGGTGCACGGATACAGCAACTGACCAGGCCGGTGGCCGC  
AGCACCAAGTCCCGCGCCCTGTGAGACTTCCCTTGCCAACGGTTACAAGTTCCTGTCCCAGGAA  
GGCTTCCCTTCTCCAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-MluI
<b>ACCN:</b>	NM_024477
<b>Insert Size:</b>	7446 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).

**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\\_024477.3](#), [NP\\_077797.3](#)

**RefSeq Size:** 10780 bp

**RefSeq ORF:** 7446 bp

**Locus ID:** 209683

**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]