

## Product datasheet for **MC228896**

### **Ttc16 (NM\_001290564) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttc16 (NM_001290564) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc16
Synonyms:	1200002K10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228896 representing NM\_001290564  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAGATCCTACAAAACGAAGGATGATAGGATCAACAGTGCCTGCCAAAGTCAGAGAGTACTATAACC  
 AAGGCCATCAGTGCCTCCTACAAGAGGACTGGGAGATGTCTGTGCTGTTCTTCTCCCGTGCCTCCACCT  
 GGACCCAAAACCTGGTAGACTTCTATGTATTCCGTGCTGAGGCCTTCATCCAACCTCTGTGACTTCTCTCT  
 GCCCTCCAGAACCTCCGCAGGGCCTACTCCTATGACCCAGGGAATAACAAGTACCTGAACCGGCTGGCCT  
 TTGTGCTCTACCTACAGGGTCACTGCCTGTATGAGCTGTGTGACTTCCAGGAAGCCCTCTGTGTCTTCT  
 GCAAGCCTCCGACCTCCAGCCCAAAACGCTTCTTTCAGTTACCGATGCATGGCCTGCCTGCTGGCCCTC  
 AAGCGGTATCACGACTGCCTCGCCCTCATCACTAGGGAGGTGAAGCAGGGCAGGGCCAGCGCTGATGTCT  
 ACATCCTCCGGGCTCGGCTCTACAACCTTCTCCAGAAGGCCAAGCTCTGCTATCAGGACCTTCGAAGCGC  
 CTTGCTCTAGATCCCTGCACGCACAGGCCAAAGGGCTACTCCAGAAGATGGTGGACCAGGCCAAGCAG  
 TCTCTCCAAGATGCCAGCACCTGGCCGTGCAGGGCAAGGTGCACCGTGCCTGAAGTGCATCAACTGTG  
 CCATTGAGAACAATCCCCTGGATCCCAACTTCTTCTTCTTCCGGGGCACCTTGCCTGAGACGGCTCCAGCA  
 ATTTGACCATGCTGTGGAAGACTTCTGAAGGCAATGGACATGGTACTGACACCCAGGACAACCTAGTG  
 AAGCAGGCGCAGCGTCAGCTGCTGCTGACTTACAATGACTTTGCTGTGCACTGCTACAACCATGGTGCT  
 ATCAGGAGGGCGTGTGCTGTGAACAAGGCTATCAGAGACGAGCAGAATGAGAAGGGCTTGACATCAA  
 CCGTGGGATTGCTTCTCCAGCTGGGCAACCTGGCCTTCGCGGAGGCTGACTACAAGCAAGCGCTGGCC  
 CTGAGCCCGCTGGATGAAGGAGCCAACCTGCGCATGGGTGTGCTGCAGGAGAAGCTGGGCTTCTGCCAGC  
 AGAAACACAGGCAGTCCAGACAGCAGAGGAGCACTTCTCGGAGGCCATAAGGCACAGCCCTCAGAAAC  
 ACAGTACTACCTGCACCGGGCCAAGTGCCGACAGTTCTGCAGAACAACCTGCGGGGCCCGCTGGATGTC  
 GCTACTGTACTGCTTCTCAATCCCGAGTATCCCAAGATGGCTGCAGTGTGAACACCCTCTTTCCTAGCA  
 TGACTGTGGAGAATGTGCTTAAGTCCCAAGTGGCCGAACCTGGCCAAGCTCCAGCTAAGTCGGATGATAGA  
 AAATGGGCCGAAGAACATCTACCCTCAGAGCACTGTGGTGCAGCGGTTATTGGAACGCAGGAAAGCCCAA  
 GTCCTGGTGAAGCTCTGGAAGCAGGAACGCTTGGGACCCTGAAGAGGAAGTACTCTTACCAGGCTC  
 CGCAGCTGGCAGAGGAAAAAAGGTGAAAACCGCTCGCAGAAGGACATCCCTGACAGACAGCTATGCGGA  
 CCAGACCTCCTCAGGCTCCGTCTTAGCATTGTGAGCATCAGCACGTCCGGGCCAGAGATGTCAACCAGT  
 CAGGAGTATAAGAGCTCTCCCACACGGCTATAGAATCCTCTGAGTCCACACTGCTAAAGCCTCAGCTCT  
 CAGTACCCAGGAAGAGCCAGGAACCTGACCTGGAGCCCAAGGTCTCCAGGCAGTCACAGAGAACCTAAT  
 CCAGAACGCCACTGAGGTACACCTGCCTATGGCCAAAGGGACTCCAAAAAGGCCACCCAAGTCCCAAAG  
 CCCAAGAAGACAGAGGATCCCAAGGATCCTAGCCAGAGCACCAGCACGACAGAAGCCCTGAGGGCCCAA  
 GGCTAGCAAGTCCAGGTCTACCCTGAGCGTAAAGGAGAGAATCAGAAGAGCTAAGGCTGTTTCGCGCCCA  
 GGGCTGGAACCTCAAGGCCAGCGCAGCAGCCAGAAAAGTAAACAAGACTCCAGCCTGACCCACAGCACG  
 ACCCATAGTGACATTGGTGAAGTGCATGATACCCCGGGCCAGACTCCATGGCCAGCAAGGCTGCTG  
 ATAGCTTAAGCTTCAGTGAGATCTGTCAACAGATCTCAGCAGTAGTAAAAGCTTCTTGGAACTGACTAA  
 CCTTTAACTCAGGAAGTCCAACAGATCCAGGAGACAGAGAGAAGCTCACCTCTGACGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001290564  
**Insert Size:** 2304 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001290564.1</a></u> , <u><a href="#">NP_001277493.1</a></u>
<b>RefSeq Size:</b>	2993 bp
<b>RefSeq ORF:</b>	2304 bp
<b>Locus ID:</b>	338348
<b>UniProt ID:</b>	<u><a href="#">Q8C1F5</a></u>
<b>Cytogenetics:</b>	2 B