

## Product datasheet for **MC221915**

### **Ttc16 (NM\_177384) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttc16 (NM_177384) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc16
Synonyms:	1200002K10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221915 representing NM\_177384  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACAGACAGAAGCAAGACTCAGAGAACTCCATCTGCCTCTAGCTCTAGAACGGGGTTATTAAGGAGC  
 CTCACAGTGCCCGTTCCAGAAAACCTCAAAGCTAAAGGTTCTGAAGCCCCAGAGAAGATCCTGCGACG  
 CATCTTTGGGACCAGTCATGTGTTCTATGTTATGACAGATCCTACAAAACGAAGGATGATAGGATCAACA  
 GTGCCTGCCAAAGTCAGAGAGTACTATAACCAAGGCCATCAGTGCCTCCTACAAGAGGACTGGGAGATGT  
 CTGTGCTGTTCTTCTCCCGTGCCCTCCACCTGGACCCCAAAGTGGTAGACTTCTATGTATTCCGTGCTGA  
 GGCCTTCATCCAACCTCTGTGACTTCTCCTCTGCCCTCCAGAACCTCCGAGGGCCTACTCCTATGACCCA  
 GGAATAACAAGTACCTGAACCGGCTGGCCTTTGTGCTCTACCTACAGGGTCAGTGCCTGTATGAGCTGT  
 GTGACTCCAGGAAGCCCTCTGTGCTTCTGCAAGCCTCCGACCTCCAGCCCCAAAACGCTTCTTCCAG  
 TTACCGATGCATGGCCTGCTGTGGCCCTCAAGCGGTATCAGACTGCCTCGCCCTCATCACTAGGGAG  
 GTGAAGCAGGGCAGGGCCAGCGCTGATGTCTACATCCTCCGGGCTCGGCTCTACAACCTTCTCCAGAAGG  
 CCAAGCTCTGCTATCAGGACCTTGAAGCGCCTTGTCTCTAGATCCCTTGACAGCACAGGCCAAAAGGGCT  
 ACTCCAGAAGATGGTGGACCAGGCCAAGCAGTCTCTCAAAGATGCCAGCACCCCTGGCCGTGACGGGCAAG  
 GTGCACCGTGCCTGAAGTGCATCAACTGTGCCATTGAGAACAATCCCCTGGATCCCAACTTCTTCTTCT  
 TCCGGGGCACCTTGCCTAGACGGCTCCAGCAATTTGACCATGTGTGGAAGACTTCTGAAGGCAATGGA  
 CATGGTACTGACACCCAGGACAACCTAGTGAAGCAGGCGCAGCGTCAGCTGTGCTGACTTACAATGAC  
 TTTGCTGTGACTGTACAACCATGGTGCCTATCAGGAGGGCGTGTGCTGCTGAACAAGGCTATCAGAG  
 ACGAGCAGAATGAGAAGGGCTTGTACATCAACCGTGGGGATTGCTTCTTCCAGCTGGGCAACCTGGCCTT  
 CGCGGAGGCTGACTACAAGCAAGCGCTGGCCCTGAGCCCGCTGGATGAAGGAGCCAACCTTGGCATGGGT  
 GTGCTGCAGGAGAAGCTGGGCTTCTGCCAGCAGAAACACAGGCAGTTCAGACAGCAGAGGAGCACTTCT  
 CGGAGGCCATAAGGCACAGCCCTCAGAAACCACAGTACTACCTGCACCGGGCCAAGTGGCAGACTTCT  
 GCAGAACACTCTGGGGCCCGCCTGGATGTGCTACTGTACTGCTTCTCAATCCCGAGTATCCCAAGATG  
 GCTGCAGTGATGAACACCCTCTTCTAGCATGACTGTGGAGAATGTGCTTAAGTCCCAAGTGGCCGAAC  
 TGGCCAAGCTCCAGCTAAGTCGGATGATAGAAAATGGGCCGAAGAATCTACCCTCAGAGCACTGTGGT  
 GCAGCGGTTATTGGAACGCAGGAAAGCCCAAGTCTGGTGAAGCTCTGGAAGCAGGAACGCTTGGGACC  
 CCTGAAGAGGAAGTACTCTTTACCAGGCTCCGACGCTGGCAGAGGAAAAAAGGTGAAAACCGCTCGCA  
 GAAGGACATCCCTGACAGACAGCTATGCGGACCAGACCTCCTCAGGCTCGGTCTTATGATTTGTGAGCAT  
 CAGCACGTCGGGGCCAGAGATGTCAACCAGTCAGGAGTATAAGAGCTCTTCCACACGGCTATAGAATCC  
 TCTGAGTCCACTGCTAAAGCCTCAGCTCTCAGTACCCAGGAAGAGCCAGGAAGTACCTGGAGCCCCA  
 AGGTGCTCCAGGCAGTCACAGAGAACCTAATCCAGAACGCCACTGAGGTACACCTGCCTATGGCCAAAG  
 GGACTCCAAAAGGCCACCCAAGTCCCAAAGCCCAAGAAGACAGAGGATCCCAAGGATCCTAGCCAGAGC  
 ACCAGCACGACAGAAGCCCTGAGGGCCCAAGGCTAGCAAGTCCAGGTCTACCTGAGCGTAAAGGAGA  
 GAATCAGAAGAGCTAAGGCTGTTTCGCGCCAGGGCTGAAAACCAAGGCCAGCGCAGCCAGCAAAAGT  
 AACAAAGACTCCAGCCTGACCCACAGCACGACCCATAGTGACATTGGTGAGAGTGCCAAATGATACCCCG  
 GGCCAGACTCCATGGCCCAGCAAGGCTGTGATAGCTTAAGCTTCAAGTGAAGTCTCGTCAACAGATCTCA  
 GCAGTAGTGAAAGCTTCTTGAAGTACTAACCTTTAACTCAGGAAGTCCAACAGATCCAGGAGACAG  
 AGAGAAGCTCACCTCTGACGATTAA

**ACGGCT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177384  
**Insert Size:** 2475 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>	<a href="#">NM_177384.3</a> , <a href="#">NP_796358.2</a>
<b>RefSeq Size:</b>	2938 bp
<b>RefSeq ORF:</b>	2475 bp
<b>Locus ID:</b>	338348
<b>Cytogenetics:</b>	2 B