

## Product datasheet for **MC221813**

### **Txndc16 (NM\_172597) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Txndc16 (NM_172597) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txndc16
Synonyms:	5730420B22Rik; C77647
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221813 representing NM\_172597  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGTCTTCTGGCTTCAGTGTCTTTAGAGCTGGTGTTCATTGTTTTGATGTGCAGTTTTTACAAGT  
 CAACTGAAGACTCTCTCCAGAAGTACTCCTCAGCAATTTTCAGCACACTGCAGCCAGGAAAAGCCTC  
 ATTAGTTTATTTCTGCCAAGTTGGTTCTTAAGTAACTCTGTGTTTTCTGAAGAATAAAAGAGCTGTC  
 AAGCCTCTCCAGGACTATGGGATTTAGTGTCAAAGGTTACTTGTGTTGAAGAAGAAGCGTCAAGGTACT  
 GTGGGGAAGAAGAGGTTTGTGAAAGCGTATTTATTCAGAGGCAACATACTTCTCAGAGAATCCCCAC  
 GGACATCTGTTTGTGATGTGAACGCCATCATTGCTCATGTTCTCTTTGCTCTGCTTTTTAATGAAGTAAAA  
 TATATTACCACCTGGAAGACCTTCACAGCATAGAAAACCTCTGAAAGGAAAATCAAATATGATATTCT  
 CATACGTAGAAGCCATCGGAACACCAGAGCATAGAGCAGTCATGGAAGCTGCTTTTGTGTATGGACCTC  
 TTACCAGTTTGCCTTAACCACAGAAATTGCTCTTTTAGAAAATATCGGCTCTGAGAGTATAGAACATGCA  
 CATCTCTACTTTTTTTCATTGTAAACTGGTCTTGGACTTGACCGAGCATTGCAGAAGAACAATAATGGAAC  
 AGCCATTGACCACACTCAATATTCACGTATTTGTGAAGACAATGAACGCACCTCTGTTGATGGAAGTGGC  
 TGAAGATCCCCAGCAGGTCTCAACCGTTCATCTACAACACTAGGATTGCCACTGGTTTTTATTATCAGCCAG  
 CGCGCTACCCAGGAGGCTGACAGAAGAACTGCGGAGTGGGTGGCGTGGCACCTTCTGGGGAAGCAGGGG  
 TTCTGCTCTTGTGAGGGACTCCATGGATGTTAACATTCTCAGCACGCTAATGTGGCCTTCAGAAGAGC  
 AGAGAAGGATGTCCCTGTGGAGTTTCTGGTGTGAATGATGTTGAGTTAATCATTCCCACGTGAAAAAT  
 AATATGCACATTGAAGAAATACAAGAAGATGAAGGCGAAGACATGGAGGGCCAGATCGGCTGTGAAG  
 ATGATGAGGTGGCAGGAAGTGTTCAGAGATAGGAAGAAACACTACCTTTGGAGTTGTCTGTGGAGT  
 AACAGAGGAGACTTTTAATAACAACGGTCACTGACTTCTGACAGCATAGTGCTCTTCTATGCTACCTGGCAT  
 GCAGTATCCATGGCATTCTACAATCCTATATTGATGTGGCAATTAAGTTGAAAGGCAGGTCCACCATCC  
 TTCTACCAGAATAAATTGTGCAGATTGGTCTGATATATGTACGAAGCAAATGTTACTGCATTTCCCGT  
 GGTAAAGTTGTATAAGGAAGGCGAGAGCCAGTGTCTTATGCTGGTATGTTGGCAACTAAAGATCTCCTG  
 AAATTTATCCAGTTGAATAAGATCTCCTGTCCAGTGAACATAGCATCTATCCAGGAAGCAGAAAAATACC  
 TGCGTGGGAATTATATAAGACCTGCCAGCTCTGCTAGTGTGTGACTGAGTGGGCTCTCAGCCAGC  
 CATGGCATCAGCAAAGAAGTCTTTCAGGGAAGCAGGAAAGCAGCTGAGAGGCTCTGTCTTACGGGAATT  
 TATTCTGAAGATGATGTGTGGATACTGTCAAATAAATATGCTACAACCTCTCCAGCCCTGCTACTGGCCA  
 GGCTAAAGAAGGTAGAATAGAGAGTGTCCCACTAGACACCACCTGGTACAAGACATGGCTCAGATACT  
 AGCAAATGCACTACTGGAAGCATTTCAGAAATCACTGTGGAAAATCTTCCACATATTTAAGATTTTCAG  
 AGACCGCTACTTCTCTTGTAGTGGTGGCAGCATAAACCCCTCAGTACAGGAACACGATCCTGGCACTGG  
 TGAGACAGAAGCAGCTGGATTCTGTTTACCCTTGTGTTAAATCTGAAGAACACTCCCCTGGGGAGGGG  
 CATCTTGAAGGCATATTTTGGCCGTCTGCCACCACTTCTCAGCTGTGTTGGTGAATCTGCATTCGGGT  
 GGCCAAGTGTATGCATTTCTTCATCCCAGTCTGTGACGGAACAAAGCCTTGTGTTGTGGCTGAAACATT  
 TACAAGCGGGACTAGAAAATCCCATCATCTTGTCTGCCAGGAATGGAACCTCTCTTCTGCCTTTGA  
 TTTTCTGAATATGATGGACGCTCCTACATCCCAAGCTCCCAGAAAGTCTAGAGTGCAGAAAGAA  
 GCAGAGGTGCAGGAGAGTGTGAGCTGCAGCCTGGAGACAGATCAACAGCCAGGAGAGCCGGTCGAAA  
 TGCTGAGAATAAAGCGCTGGAACACTGCCAACTGGCCAAAGACACACAGGAGCCTTTTACCACGACAA  
 GGAGTTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3340\\_b01.zip](https://cdn.origene.com/chromatograms/ja3340_b01.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_172597

**Insert Size:** 2460 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_172597.3</a> , <a href="#">NP_766185.1</a>
<b>RefSeq Size:</b>	4028 bp
<b>RefSeq ORF:</b>	2460 bp
<b>Locus ID:</b>	70561
<b>UniProt ID:</b>	<a href="#">Q7TN22</a>
<b>Cytogenetics:</b>	14 C1