

## Product datasheet for **MC210985**

### **Txndc15 (NM\_175150) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Txndc15 (NM_175150) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txndc15
Synonyms:	2310047H23Rik; AI854086; C5orf14; UNQ335
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210985 representing NM_175150 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCAACTCTCTGCTGGTGGCAAGTCCTGCTGTGGGTGCTGGGCCTCCGGCCACGGCCTGGAGGTTG  
CAGAGGACAGTGGTCACCCCTGGCGGGAGGAGCGGCCTGTCCCTGCTCTCCAGGTAGGAGCTGTGTATCT  
GCATGAAGAGGAGGTTGCTCAGGACCATCGGGACCAGGCAAGAGCGGCGGAACCCATGGAGGCCCTCTCTG  
GGTCCGCGCGGAGATCCCATGGTGGTGTCTCAGTGGTCCCTGGGGCAGCTGAGGACCAACGGAGCCCG  
AGGCCACGATGGCACCTGCAGTGCGCAGGGAGAGGAGGACCCGAGCTGTGGCCGAGAGAACCTCTTCGG  
GCTGCAGGGGGCAGGCGGCTTCCAGGATCGGGAAGAGGAGTACTATGCTGAGCCTGGCGTGACTGAGGCC  
GAGCCTGTAGCCACCGAGGATGCCAACAGCACTGACAGCCTCAAGTCCCCAAGGTGAATTGTGAGGAGA  
GGAATGTGACTGGGCTAGAAAATTCACCTCTGAAGATTTAAATATGTCCAGGACCTCATGGATTTCT  
AAACCCAAATGGTAGTGACTGTACACTGGTCCTTCTACACCCCGTGGTGCCGGTTTTCTGCCAGCCTG  
GCTCCTCATTTAACTCCCTGCCCGGGCGTTTCCAACACTTGGCTTCTGGCTCTGGATGCATCTCAGC  
ACAGCAGCCTTTCTACCAGATTTGGCACTGTAGCTGTCCCTAACATTTTGTATTTCAAGGAGCTAAACC  
AATGGCAAGGTTTAAACATACAGATCGCACCCCTGAAACACTGAAATCTTCATTTTCAATCAGACGGGT  
ATAGAAGCCAAGAAAAATGTGGTGGTAACGCAGGCTGACCAGATGGGCCCTCTCCCCAGCACTTTGATAA  
AGACTGTGGATTGGTTGCTGGTGTTCCTTGTCTTTTAAATTAGTTTCATTATGTATGCTACCATCCG  
CACTGAGAGTATTCGGTGGCTGATTCCAGGACAAGAACAGGAACACGCAGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_175150



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<b>Insert Size:</b>	1035 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_175150.3</a> , <a href="#">NP_780359.2</a>
<b>RefSeq Size:</b>	1554 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	69672
<b>UniProt ID:</b>	<a href="#">Q6P6J9</a>
<b>Cytogenetics:</b>	13 B1
<b>Gene Summary:</b>	Acts as a positive regulator of ciliary hedgehog signaling (PubMed:29459677). Required for cilia biogenesis (PubMed:29459677).[UniProtKB/Swiss-Prot Function]