

## Product datasheet for MC203202

### Tmem17 (NM\_153596) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem17 (NM\_153596) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem17  
**Synonyms:** AI503894; AW049890  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC030386  
 CCACGCGTCCGCGTTAGGCTGCGGGCCCGTGGCCCTGGCTCGCCTCTCCAAGGGGAAGCCTCTGGAGGAT  
 TCTGTAGCGTTCGGGGAAGCCCAGGTACCAGTCCCTAGGGGCCCGCACTGCCCGTTGCCAAGGGAAC  
 CGCCACGCGCCGCTGTGCCCCGCGACTAGCGGGTGTGTGAGAGGCCAGCGGCAGGCCAGGCATGGAGCT  
 GCCGGACCCTGTTGCGCCAGCGCCTGAGCAACCTCAGCCTCACCGTGTTCGGCGACTCCAGCCGACCCGGG  
 CCAGAGTCCAGTGATGCGGCCGATAATGAAATGGTCTCCAGCCTGGCCTTGACAGATGTCCCTTTATTTTA  
 ACTCTTACTTTTTCCCACTGTGGTGGGTGAGCTGCATTGTGATGCTGCACCTGAAGTATTCCATCTTGCC  
 TGACTACTACAAATTCATTGTGGTACTGTGTCATCCTCATAACCTTGATTGAAGCGATCCGGTTATAC  
 CTGGGCTGCATGGGTAACCTTCAGGAGAAGTTCCTGAGCTAGCTGGCTTTGGCTTCTGAGCCTTCTAC  
 TGCAGTTGCCTTTAATCCTTTTCTGCTCCTTAATGATGGCCTAAGGAATCTGCCCTGGAGAAAGCAAT  
 ACATATCATCTTCACCATCTTTCTTACTTTCCAAGTCATCTCAGCATTCTGACCCTAAAGAAAATGGTC  
 AACCCAGCTGGCAGCCCGTTTCCACCTCCAGGACTTTGATCAGCTGTCTCAAGCAGTGCAGCTGTAAGGA  
 GGGTAAGACAATGCACGGAAGAGCTCTGACCACCTGCTGACCATATGCTGAGTGGTGAACGACAGAAAGA  
 TGATACAAGAGGACCAGGAAGTGAGAGAGTGACAGGACATCTGAGTCGGGCCCGAGAAAGGGGACATACG  
 TGCTGGGGTGTGCTCCAGCTCTGAAATCCCCATGGAGGCAATGCCAAGGCTCACTCATATCAACCCTG  
 CAGCTGAGGGGATATTCCTGATGTTGGATGAGTCTGTTGGCAGTTTCATACCACCGTTTCTATAATTTT  
 CTGATTATAATCTGTGACAAGAAATGTATGGCACTTCAGACGAAATGCTTTGTTTCAGTGGAAATCTCACC  
 AAGTGTGACAACCCCTCCAGGACATGTCTAGCTCAGGGGGAGTCAGCTAATATAAAATGAACTCCGTG  
 GTATTTGTTGGACTTTTTGTTTTATTTTGGCTTTGGTTTTGGCATTCTGTCTTATTATTAAGAGTAAA  
 AAGATGAGATGGAGTTGGGAAAGGGGAAAACATGAAAAATATATGGTATGAAGAAAAAATTAATAGAAG  
 GCCATAAAACATAAGCTATTGATATTAATAATATCCACAACAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_153596  
**Insert Size:** 597 bp



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<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="#">BC030386</a> , <a href="#">AAH30386</a>
<b>RefSeq Size:</b>	1386 bp
<b>RefSeq ORF:</b>	597 bp
<b>Locus ID:</b>	103765
<b>UniProt ID:</b>	<a href="#">Q8K0U3</a>
<b>Cytogenetics:</b>	11 A3.2
<b>Gene Summary:</b>	Transmembrane component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for ciliogenesis and sonic hedgehog/SHH signaling.[UniProtKB/Swiss-Prot Function]