

Product datasheet for **MC201465**

Tmem97 (NM_133706) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem97 (NM_133706) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem97
Synonyms: 1810014L12Rik; AI115531; AL022956; D11Bhm182e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018156 sequence for NM_133706
 CAGCTCGGGCGCGGGCTTCTAACCACGTAGCAGGCTTCTATCACCGGCTTGCCAGTCGTAGCCCAACGG
 ACAGGAGGGAACATGGGGCCCTGGCAGCTAGGCGCTGTGTCGAGTGGCTCTTGGGCCTCTACTTCTGCT
 CGCACATCCCCATCACGCTGTTTCATCGACCTGCAGGCGGTGCTGCCGCCGAACATAACCCGAGGAGTT
 CAGCAACCTGTTGCGGTGGTACTCAAAGGAGTTCAAAGACCCCTCTGATGCAGGAGCCCCAGTGTGGTTC
 AAGTCCTTCTGCTCTGTGAGCTTGTGTTCCAGCTGCCTTTCTTTCCATTGCGGCATATGCCTTCTTCA
 AAGGAAGTGCCGGTGGATCCGAATCCCTGCAATCATCTATGCAGCTCACACCATAACGACTTTAATTCC
 AATCCTTACACACTCCTGTTTGAGGATTTCTCTAAAGCCGTTGCTTTCAAGGGACAAAGACCCGAGAGT
 TTCGTAACGACTGACCCTCGTAGGTGTCTACGCCCCCTATTTAATAATCCCCCTCATACTCCTCCTGT
 TCATGCTTCGGAACCCGTAACAAGTATGAGGAGAAAAGAAAAGAAAAATAGGGACGGCCACCAGCCTG
 GTGGGAAGACCCACAGCACAGTTGCCTTTTGGACAACACAGGAAAACGCCCCAAACATGTTTCAGCA
 GCATTTGAAACACCAACAGCAGTGCATACAACAAGACAGTGGTGGGAGACGTGCCAGGCCTTCACCTTT
 CAGCAGGGGTGTGACCAAGTTACAGCAAAATGGTGCCAAAGCGCTACCACAGCACTGCTAAAAAGGCCAG
 GTGGGAAGCCGGTTAGCTCCTGACCTGGAATGCACACACCTGACCAAGTCTCACCTCGACCTTGATAGT
 CAACAAATGAGCAGTATTTTGTCTTTAGCACTTTTTAACATGGTTTCTGCCCCACCTCCACCTCTG
 GGAGAAAAATATATTAGCCTCACATGAGTCCAAGCCAGAAATGGGTTACAGGGAAGGAAGGTGCCTCC
 ATTTCTATCTTGAACAGATAGCCTGCTCTGGGTTATTCTGGTGTGGTCTATGAACGGCTCTCATGTCC
 CTACTCTGGCACCTCACCCACTGGGCTTCCTAGTACACAGGCTTGTGAGGGTGAAGTGGTGTCCAGTG
 TATGCTGCTGCTTGTTCCTACTGACTCTACAGAAACAAAACCCGGTGGTGGTGTAGACAGTGTGGCTCTG
 CTTGCAAGCCATGTTGCTGTGGTGTACTTATGTGCTGGTCCAATAAAGGCAGCTGCTGATTGTTG
 TTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_133706
Insert Size: 531 bp



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OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC018156</u> , <u>AAH18156</u>
RefSeq Size:	1347 bp
RefSeq ORF:	531 bp
Locus ID:	69071
UniProt ID:	<u>Q8VD00</u>
Cytogenetics:	11 46.74 cM
Gene Summary:	Intracellular orphan receptor that binds numerous drugs and which is highly expressed in various proliferating cells. Corresponds to the sigma-2 receptor, which is thought to play important role in regulating cell survival, morphology and differentiation. May play a role as a regulator of cellular cholesterol homeostasis. May function as sterol isomerase. May alter the activity of some cytochrome P450 proteins.[UniProtKB/Swiss-Prot Function]