

## Product datasheet for **SC111433**

### TMEM90B (SYNDIG1) (NM\_024893) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM90B (SYNDIG1) (NM_024893) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM90B
Synonyms:	C20orf39; DSPC2; IFITMD5; TMEM90B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111433 sequence for NM_024893 edited (data generated by NextGen Sequencing)

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ATGGATGGCATCATTGAACAGAAGAGCATGCTGGTGCACAGTAAAATCAGTGATGCTGGC
AAGAGGAATGGTTTAATTAACACCAGAACTTGATGGCCGAGAGCAGAGATGGTCTGGTG
TCTGTTTACCCAGCGCCCCAGTACCAGAGCCACCGGGTGGGGGCCAGCACAGTGCCGGCC
AGCCTGGACAGCAGCAGGAGTGAGCCGATGCAGCAGCTGCTGGACCCCAACCCCTGCAG
CAGTCAGTGGAGTCCCGTACCGGCCAACATCATCCTCTATTTCAGAGGGCGTGCTGCGC
TCCTGGGGGGACGGTGTGGCCGCCGACTGCTGCGAGACCACCTTCATCGAGGACCGGTGC
CCCACAAAGACAGCCTCGAGTACCCGGATGGGAAGTTCATTGACCTCTCAGCTGATGAC
ATAAAAAATCCACACCCTGTCCTACGATGTGGAGGAGGAGGAGTTCAGGAGCTGGAG
AGCGACTACTCAAGCGACACAGAGAGTGAGGACAATTTCTCATGATGCCCCCGGGGAC
CACCTGGGCTCAGTGTCTTCTCCATGCTCTGCTGCTTCTGGCCTCTGGGCATCGCAGCC
TTCTACTTGTCCCATGAGACCAACAAAGCCGTGGCCAAGGGGGACTTGACCCAGGCCAGC
ACCAGCTCCCGGGGGCCCTATTCTGGCAGTGTGTCCATCACCATTGGGACTGGCGTC
TATGTGGGCGTGGCCGTGGCCCTCATCGCTACCTCTCCAAGAACAACCACCTGTGA

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Clone variation with respect to NM\_024893.1



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_024893 unedited  
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGAGCGGCTCGCCCCAG  
 GCGCCCCCTCGCCAGCCTGCCGGCCAGGCGAGCGCGACGAGAGTCTCCCCGACCCCTTC  
 CTCTCCCGGGGGCCGAGAGGGTTGGGCTCCGCCCGGCGCCGAGCTCCCGACTCCCCGC  
 CGCTCGGGCTGCCGCCGTGCCCGCGCCCGGCGCTCGGGGCAGCCGGGGGCGCAGGCGG  
 AGAGCGCAGGGCGGGGAGAGGCGTGGGGAGCAAAGCGCGCTGAGGGGAGGGCAGAGGAG  
 GAGAGAGCCTGGCAGCGGAGGAGCAGAGGCGGGCGCCGACCCGCCGACGCTCGCTCG  
 CTGGGAGAGTCCGCGGGCGCCGCTTGGGCGCACTTGCCGGGTACCTTGTCCCGAGGA  
 GAAATGGCTTCCCTGAGGCAAGTGAACCTACATTCCCAGCCACCAGCCTGACGCCCAG  
 CCAGGGAGAGAGTACCATGGATGGCATCATTGAACAGAAGAGCATGCTGGTGCACAGTAA  
 AATCAGTGATGCCTGGCAGAGGAATGGTTAATTAACACCAGAAAATTGATGGCCGAGAG  
 CANAGATGGTCTGGTGTCTGTTACCCAACGCCCAATACCAGAGCCACCGGTGGGGGGC  
 CACACAGTGCCCGCCACCTGGACAGCAGCAGGAGTGAGCCGATGCAACAGCTGTTGGAC  
 CCCACACCCTGCAACAATCAGGGGAGTCCCGCTACCGGCCAACATAATTCTCTTTTCAA  
 AGGGCGTGTCTCCTCTCGGGGACCGTGGGGGCCCCACTGTTGCAAAAACCCACTTAT  
 GGAGGCCCGTCCACCAAAAACAGCCCAATACCCGGAGGGAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_024893 unedited  
 NCGTTCTGTGNACCGCGCCGCNATCGTAGATCGAGTTTTTTCTTTTTTTTTTTTTTTTT  
 TTTAAAAAGCAAAAAAATTTTT  
 TGTTAAGAAAGGAACCCTCGTAAACACCAATGAAAGGGTTTTAAAGGGCGGGGATTAC  
 TTATTTCTCAACATTCATTGGGGAACCTAACCCCATGAACAAAAGTTGCCCTTAAAA  
 AAGGACAAAAAATAGCTTTTCTTTTATTCAACAAAGTAAGGCCATTTTATTTCCAGAA  
 TCACTATTTTCTGCTTATGACGGGGGACCCTCCCCCGCGGGGATTGGGAGGCCCC  
 CTGTGTTTTTAGCTGAGGCAGGGCCCATAGCTGCAGGGCCTTAAGTTTCCGGACCAACC  
 GGGGGGCTTTTTTTGAGGAATCTTGGGAGGGCGGGGGCCCGCCCCCTCCTAAATC  
 AGCGAGGCCCAAAAGTGCATATTGCTGCGGGGTACCTGGGGAGGGTAAACCCCTCCGG  
 AGGGGGCTTGACATCCTGAGGCTGGGGGGGGGAAAGGGAAAAAAGGGGCAGTCCC  
 GGGCTTTGCTGGCTTTGTTTCTCAGGGTCAGGCCAATGGGTCTGCAAACCATGGCACC  
 GGCTCTGCCAACCGGGTGTGGCTTTTCTTCCAGCCCTTTTTTTTTGCAGGGA  
 AGGCGTGTGGACTCCGGGGGCCAAAGGACCTCACCGGGCCCAAAACAGAAGAAGGAT  
 GGGCCCTTGCCCTGCCTATTGCCCGGTTCCAATAAAAAAACACCTTTTTTTGGACT  
 GGTGATTATGCTAATGCGGGGGCTTGGCCCTGGCGGGCTTCAAAAACCCTTTTTG  
 TCTTTTCCCCAAAATCCATTCCAAAACGCTGGCCCGCGGGAATCTTGAG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_024893

**Insert Size:**

2360 bp

**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:**

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:** [NM\\_024893.1](#), [NP\\_079169.1](#)

**RefSeq Size:** 2437 bp

**RefSeq ORF:** 777 bp

**Locus ID:** 79953

**UniProt ID:** [Q9H7V2](#)

**Cytogenetics:** 20p11.21

**Protein Families:** Transmembrane

**Gene Summary:** This gene encodes a protein that belongs to the interferon-induced transmembrane family of proteins. A similar protein in rat is thought to regulate the development of excitatory synapses. [provided by RefSeq, Jul 2013]