

Product datasheet for **SC116305**

TMEM50B (NM_006134) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM50B (NM_006134) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM50B
Synonyms:	C21orf4; HCVP7TP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116305 sequence for NM_006134 edited (data generated by NextGen Sequencing) ATGGCAGGCTTCCTAGATAATTTTCGTTGCCAGAATGTGAATGTATTGACTGGAGTGAG AGAAGAAATGCTGTGGCATCTGTTGTCGCAGGTATATTGTTTTTACAGGCTGGTGGATA ATGATTGATGCAGCTGTGGTGTATCCTAAGCCAGAACAGTTGAACCATGCCTTTCACACA TGTGGTGTATTTCCACATTGGCTTTCTTCATGATAAATGCTGTATCCAATGCTCAGGTG AGAGGTGATAGCTATGAAAGCGGCTGTTTAGGAAGAACAGGTGCTCGAGTTTGGCTTTTC ATTGTTTCATGTTGATGTTTGGGTCACCTATTGCTTCCATGTGGATTCTTTTGGTGCA TATGTTACCCAAATACTGATGTTTATCCGGGACTAGCTGTGTTTTTCAAATGCACTT ATATTTTTTAGCACTCTGATCTACAAATTGGAAGAACGAAGAGCTATGGACCTGA Clone variation with respect to NM_006134.6



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006134 unedited

```
CGTTTTGATTTTGTAAATCCGACTTACTATAGGGNCCGGCCGCGCAATTTCGGCACGAGG  
AAGCTGGGATACAGCATTTAATGAAAAATTATGCTTAAGAATAAAATGGCAGGCTTCCTA  
GATAATTTTCGTGGCCAGAATGTGAATGTATTGACTGGAGTGAGAGAAGAAATGCTGTG  
GCATCTGTTGTCGCAGGTATATTGTTTTTACAGGCTGGTGGATAATGATTGATGCAGCT  
GTGGTGATCCTAAGCCAGAACAGTTGAACCATGCCTTTCACACATGTGGTGATTTTCC  
ACATTGGCTTTCTTCATGATAAATGCTGTATCCAATGCTCAGGTGAGAGGTGATAGCTAT  
GAAAGCGGCTGTTTAGGAAGAACAGGTGCTCGAGTTTGGCTTTTCATTGGTTTCATGTTG  
ATGTTTGGGTCACCTATTGCTTCCATGTGGATTCTTTTTGGTGCATATGTTACCCAAAAAT  
ACTGATGTTTATCCGGGACTAGCTGTGTTTTTCAAAATGCACCTATATTTTTTAGCACT  
CTGATCTACAAATTTGGAAGAACCGAAGAGCTATGGACCTGAGATCACTTCTTAAGTCAC  
ATTTTCCTTTTGTTATATTCTGTTTGTAGATAGGTTTTTTATCTCTCAGTACACATTGCC  
AAATGGAGTAGATTGTACATTAATGTTTTGTTTCTTTACATTTTTATGTTCTGAGTTTT  
GAAATAGTTTTATGAAATTTCTTTATTTTTTATTGTCATAGACTGTTAATATGTATATAAT  
ACAAGACTATATGAATTTGGATAAATGATATCCAGTTTTTTATTCTGAGATTAGAAGT  
TGACTACTCCCTGAGCCGGGTTCACATCATCTTGTCAATTTAGAAAGTACCACCTGTCT  
CTCTGCTGGACGGGCNCACTCNCCCCCCCAC
```

3' Read Nucleotide Sequence:

[illegible]

Restriction Sites:

Not|-Not|

ACCN:

NM 006134

Insert Size:

2390 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_006134.4 , NP_006125.2
RefSeq Size:	3084 bp
RefSeq ORF:	477 bp
Locus ID:	757
UniProt ID:	P56557
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome, Transmembrane