

Product datasheet for **SC113192**

TMEM167B (NM_020141) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM167B (NM_020141) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM167B
Synonyms:	AD-020; C1orf119
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113192 sequence for NM_020141 edited (data generated by NextGen Sequencing)

ATGACGAACGTGTACTCCTTGGATGGGATTCTGGTGTGTTGGTTGCTCTTTGTTTGCACC
TGTGCCTACTTCAAGAAAGTACCTCGTCTCAAAACCTGGCTGCTATCAGAGAAGAAGGGT
GTTTGGGGTGTGTTTACAAAGCCGCTGTGATTGGAACCAAGGCTGCATGCTGCTGTGGCA
ATTGCTTGTGTTGTAATGGCCTTTACGTCCTGTTTATAAAATGA

Clone variation with respect to NM_020141.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020141 unedited
TAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGTCAAGCGGGCGCTCCCC
CATCTCCGCCGCTATTACCACTGAACCCGACCCCTACCCAGGTCCAGGGCCAGCCGCC
ATGACGAACGTGTACTCCTTGGATGGGATTCTGGTGTGTTGGTTGCTCTTTGTTTGCACC
TGTGCCTACTTCAAGAAAGTACCTCGTCTCAAAACCTGGCTGCTATCAGAGAAGAAGGGT
GTTTGGGGTGTGTTTACAAAGCCGCTGTGATTGGAACCAAGGCTGCATGCTGCTGTGGCA
ATTGCTTGTGTTGTAATGGCCTTTACGTCCTGTTTATAAAATGAATCCAAAGCACCCA
AGTCATCAACTGCCAACCAAGGGGACGGGATGAAGAACCTGTTGGAGACCTGAACCCAG
TGTAAGGAGAGTTCAGCTGAAATCATCGTCCCGAGGATGACACCACAGCATCTGCCCTG
CTATATGTGGGAAAACATGGTCACGAACATTATTTATGCTTCAGGGGACTACAGAAA
GCCAGCTTCCTTTGATCTATGTGTAAATCAGTCCTTGGCAGAGTGCATATAATGTCCGGA
TAAATTACACCCCTCGGTGATAAGATTACATACCTCCTTCATAAAACCTGTCATCCTGG
TTNTGTTCTTCAGCTCCTCATCANGATCTTTCAAACCTGAGGCTCATTANGGAAGGAACT
AGGCTGTGTTTCAGACTTCTTTGAAGAGAGAGAATTTCAAGACTTCTTTTACTCTTTGAA
TTTTGATCTGGCAATNNGGGGAGGGGATGCCTGGGTGGGAAACAGTNATGANATGCCCA
GAAATTTCTTTGGCTNTAGAAATTATCTTTCATGTACCCATCCGGNACATANAGAGAAGCA
TAGTGCTCATGCAAAGAGACNATGAANAACCTGGGTGTATGGCTGTATTTTTTAGAAATTT
GT



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020141 unedited TAAAAAGGTTTATTTTCAGGCTTTGTGCAGACATGGTGAATAAAAAATGTATTTCAACTA TAAAAGGAGCTGACTTCATTCCACCCTGGCCTACAGGGTTTATGGTGATGCCAGTTTGAA TCTGAGGCAATACTGCTATCCCCATTCTCCACCTGTAAAAGATCCCCCAGAGGAATAA CATTCTATAACTTTTAGTCAAAAATATGTAAGACACATCAAACAAAGTAATGAGTTAAAC AAGTTTCTGCTTATCTGCTTAGGGAAAGTCAAGAAATGAAACAAATGTATATTTGTTTCT GGCTGTAATTACCTTTACCTTGTGCACTTTTTGGTACATTCTGGTATGAAAACATCTCA AAATGTAACAACAAGAGTTTGGGTCAAGACGACCCACCCAGGAGGCTGTAAAAACTGG TTTGAAGTAGAAGTGTGAATGGAAGTGTAAATATGAAGCAGCTCTAAACACCAAG CTTAGAGACATTTGCCCTATTAGAAAACAAAAATCATTAAAGCTACAAAATAACAAGTGC AAACATGCTGAACCTGTTTCCAGGGAGTGACATTCCCTTCTGCCACAGGTCCCAAACCTCA CACCCACAAGGTGAAGTCTCTTTCCTGTTCCACTAGATTTCTTTCTCTCATCTCAAAG GTCCTCAGAAATGACAATGGAACGATGAATTGTTGAAATTTACCCTGTGGACCAATT CCTGAAGAGATAACAGCCACAAGTCTGAGATGATTAGACATGCAGGGTTTACTTGNATGA CTTCTGTATTCTAAGAACCTCAAGCATTAAATGCCTATTTCAAATCTAACTTCTAGCA GCTTTATTATTGGAGTAGCAGACAGAAACATTACTGCCCCAGAATCAACACGCTACTTGT CACATTAAGTTTACGTATGACAATTACTGGNAGCCAGTCTAGCTGCTATATTAATTAG ACTACC
Restriction Sites:	NotI-NotI
ACCN:	NM_020141
Insert Size:	225 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_020141.3 , NP_064526.1
RefSeq Size:	2768 bp
RefSeq ORF:	225 bp
Locus ID:	56900
UniProt ID:	Q9NRX6

Cytogenetics: 1p13.3

Protein Families: Transmembrane

Gene Summary: Involved in the early part of the secretory pathway.[UniProtKB/Swiss-Prot Function]