

Product datasheet for **SC100838**

TMEM161B (NM_153354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM161B (NM_153354) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM161B
Synonyms:	FLB3342; PRO1313
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100838 sequence for NM_153354 edited (data generated by NextGen Sequencing)

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ATGGGTGTGATAGGTATACAGCTGGTTGTTACCATGGTGATGGCCAGTGTGCATGCAGAAG
ATTATACCTCACTATTCTCTTGCATGGCTACTCTGTAATGGCAGTTTGAGGTGGTAT
CAACATCTACAGAAGAAGAAATTAAGAATTCTTGCAGGGAAACAACAAAAAGGAAAAACC
AAAAAGATAGGAAATATAATGGTCACATTGAAAGTAAGCCATTAACCATTCCAAAGGAT
ATTGACCTTCATCTAGAAACAAAGTCAGTTACAGAAGTGGATACTTTAGCATTGCATTAC
TTTCCAGAATACCAGTGGCTGGTGGATTTCACAGTGGCTGCTACAGTTGTGTATCTAGTA
ACTGAAGTCTACTACAATTTTATGAAGCCTACACAGGAAATGAATATCAGCTTAGTCTGG
TGCCTACTTGTCTTTGCAATCAAAGTTCTATTTTCATTAACACACACTATTTT
AAAGTAGAAGATGGTGGTGAAAGATCTGTTTGTGTACCTTTGGATTTTTTTCTTTGTC
AAAGCAATGGCAGTGTGATTGTAAACAGAAAATTATCTGGAATTTGGACTTGAAACAGGG
TTTACAAATTTTTCAGACAGTGCAGTGCAGTTTCTGAAAAGCAAGGTTTAGAATCTCAG
AGTCTGTGTTCAAACCTTACTTTCAAATTTTCTGGCTATTTTCTGTTCAATTCATTGGG
GCTTTTTTGACATTTCTGGATTACGACTGGCTCAAATGCATCTGGATGCCCTGAATTTG
GCAACAGAAAAAATTACACAACTTTACTTCATATCAACTTCTTGGCACCTTTATTTATG
GTTCTGTCTGGGTAAAACCAATCACCAAGACTACATTATGAACCCACCACTGGGCAAA
GAAAGTATCCCTTTAATGACAGAAGCCACATTCGATACTCTGCGACTCTGGTTAATAATC
CTGCTGTGTGCTTTGCGGTTGGCCATGATGCGTAGTCACCTGCAAGCTTATTTAAATTTA
GCCCAAAATGTGTGGATCAGATGAAGAAAGAAGCGGGGCGAATAAGCACGGTTGAGCTA
CAGAAAATGGTGGCTCGAGTCTTTTATTATCTTTGTGTCATTGCACTGCAGTATGTGGCG
CCTCTGGTAATGCTGCTTACACAACCTGCTTTTGAAAACACTAGGTAATCATTCTCTGG
GGTATTTATCCAGAATCTATCTACCTTACCAGTGGATAATAGTCTACTGTCCAATTTCT
GTTACTCTGAATTACTATCAGCTGAAGGAAAAATGAAGGTAAGTGTACACAAAATAACA
GTGGCACTGAGCAGCTTAAAAAATATTTTACTCTCTTTTTCGAGGACTTCTGTCT
TTTCTGACCTGGTGGATTGCTGCTTGCCTCTTTTCTACAAGCCTTTTGGGCTTTTCTAT
CACCAGTATCTGACTGTGGCATGA
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Clone variation with respect to NM_153354.3
1277 c=>t

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_153354 unedited
NNGGGGTTACATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGCTGT
TTGAGAGTCTCTCGGCTCAAGGACCGGGAGGTAAGAGGTTTGGGACTGCCCCGGCAACTC
CAGGGTGTCTGGTCCACGACCTATCCTAGGCGCCATGGGTGTGATAGGTATACAGCTGGT
TGTTACCATGGTGATGGCCAGTGTATGCAGAAGATTATACCTCACTATTCTCTTGCTCG
ATGGCTACTCTGTAATGGCAGTTTGAGGTGGTATCAACATCCTACAGAAGAAGAATTAAG
AATTTCTTGCAGGGAAACAACAAAAAGGGAAAAACAAAAAGATAGGAAATATAATGGTCA
CATTGAAAGTAAGCCATTAACCATTCCAAAGGATATTGACCTTCATCTAGAAACAAAGTC
AGTTACAGAAGTGGATACTTTAGCATTGCATTACTTTCCAGAATACCAGTGGCTGGTGGG
TTTCACAGTGGCTGCTACAGTTGTGTATCTAGTAACTGAAGTCTACTACAATTTTATGAA
GCCTACACAGGAAATGAATATCAGCTTAGTCTGGTGCCTACTTGTCTTTGCTTTTGAAT
CAAAGTTCTATTTTCATTAACACTACACACTATTTTAAAGTAGAAGATGGTGGTGAAAGATC
TGTTTGTGTACCTTTGGATTTTTTTCTTTGTCAAAGCAATGGCAGTGTGATTGTAAC
AGAAAATTATCTGGAATTTGGACTTGAAACAGGGTTTACAAATTTTTCAGACAGTGCAGT
GCAGTTTCTTGAAGCAAGGTTTAGATCTCAGAGTCTGTTTCAAACACTTTTCNAATTT
TCCTGGCTATNTTCTGGTCATTGCTGNGGGCTTTTGTACATTTCTGGATTACGACTGG
CTCAAATGCAT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_153354 unedited <pre> CTATGNACCCGCGGCCGCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTAACTTTCAA AGTATTTTAATCTCATTCCAAAAANAATAAAATTTCTAGATACAAATACATCTCATTCA AGTCACCTTTTAAACATACATTCTGCAACTTAAATATTATAAGGATTCAATATTTTCATC TTTTATAATCTCAATATATTATATTTAATATATAATATATATACAATACATACAGGTA GTCAGCAGGTTTACAAAGTAATTTCTTTAAAGTCTGATCAGTATTGATAAATATTTTAGC CTATTTAAAGGAAGTCTAGTATAGGATCACAGAATAAAACAAAATATGGCAGGTCCAAACCTA ATGGCAAGATTACAAATGTTTCATATGGCCAATCATTTTAAAGAACTCTCAAGTTGGGTG GAATATGTTTTAAACAATACTCTTCTATTCTCAAGCAGCAGTAGTTATATATTTTAAAC CATATTCATCTCCATTAAATTTAAATAACTATGCAGCTTTCTTTACTGTAATATACAGT AGCTATCTCTTCTTTCTGTTGGATTTTATTGTTTCAAGAGTAACATAAAATTACCAAC AGAAGAGACTTTAGCCCCTTTCCCTCCCCTAAAGCATGGCTCAGTTTGAAGATTGTTCTA TAGGCAGCCACTATGACTATCAACAGTACCATAAAACCATTAAAGCAATCAATAACTAG AGTCATGTGAGATGTTTCAAAGACTGCTGGAGGTTTCTGTAAACCACGGTAATCAGAAAA TTACCCTGTAGATAGCCCTCTCATACCAGTNAATACAAAGAGTTAAATTTCCCATGCCA CAGTGTAACAGTTAACAATCTATTTGTATTTTATAATACTACCTTAATTCACCTGNAG ATACCGAGAAACATTTATACCAGACATCCTGAATGTTTTTTTTTCCCATGGATTGGCTT CTTCTGGTTTCATCGCCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_153354
Insert Size:	2750 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_153354.2 , NP_699185.1
RefSeq Size:	2670 bp
RefSeq ORF:	2634 bp
Locus ID:	153396
UniProt ID:	Q8NDZ6
Cytogenetics:	5q14.3
Protein Families:	Transmembrane