

Product datasheet for **SC113064**

TMEM9B (NM_020644) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM9B (NM_020644) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM9B
Synonyms:	C11orf15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113064 sequence for NM_020644 edited (data generated by NextGen Sequencing)

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ATGGCGACCCTGTGGGGAGGCCTTCTTCGGCTTGCTCCTTGCTCAGCCTGTCGTGCCTG
GCGCTTTCGGTGTGCTGCTGGCGCAGCTGTCAGACGCCCAAGAATTCGAGGATGTC
AGATGTAATGTATCTGCCCTCCCTATAAAGAAAATTCTGGGCATATTTATAATAAGAAC
ATATCTCAGAAAGATTGTGATTGCCTTCATGTTGTGGAGCCATGCCTGTGCGGGGGCCT
GATGTAGAAGCATACTGTCTACGCTGTGAATGCAAATATGAAGAAAGAAGCTCTGTCACA
ATCAAGGTTACCATTATAATTTATCTCTCCATTTGGGCCTTCTACTTCTGTACATGGTA
TATCTTACTCTGGTTGAGCCCACTGAAGAGGCGCCTTTGGACATGCACAGTTGATA
CAGAGTGATGATGATATTGGGGATCACCAGCCTTTTGCAAATGCACACGATGTGCTAGCC
CGCTCCCGCAGTCGAGCCAACGTGCTGAACAAGGTAGAATATGCACAGCAGCGCTGGAAG
CTTCAAGTCCAAGAGCAGCGAAAGTCTGTCTTTGACCGGCATGTTGTCTCAGCTAA
```

Clone variation with respect to NM_020644.1



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020644 unedited
TATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGCAGCGATGGCGACCCTGTGGG
GAGGCCTTCTTCGGCTTGGCTCCTTGCTCAGCCTGTCGTGCCTGGCGCTTCCGTGCTGC
TGCTGGCGCAGCTGTGACAGCCGCCAAGAATTCGAGGATGTCAGATGTAATGTATCT
GCCCTCCCTATAAAGAAAATCTGGGCATATTTATAATAAGAACATATCTCAGAAAGATT
GTGATTGCCTTCATGTTGTGGAGCCCATGCCTGTGCGGGGGCCTGATGTAGAAGCATACT
GTCTACGCTGTGAATGCAAAATATGAAGAAAGAAGCTCTGCACAATCAAGGTTACCATTA
TAATTTATCTCTCCATTTTGGGCCCTTCTACTTCTGTACATGGTATATCTTACTCTGGTTG
AGCCCATACTGAAGAGGCGCCTCTTTGGACATGCACAGTTGATACAGAGTGATGATGATA
TTGGGGATCACCAGCCTTTTGCAATGCACACGATGTGCTAGCCCGCTCCCGCAGTCGAG
CCAACGTGCTGAACAAGGTAGAATATGCACAGCAGCGCTGGAAGCTTCAAGTCCAAGAGC
AGCGAAAGTCTGTCTTTGACCGCATGTTGCTCCTCAGCTAATTGGGAATTGAATTCGAAG
TGACTAGAAAGAAACAGGCAGACAACGGAAAGAACTGACTGGGTTTTTGTGGGTTTC
ATTTTAATACCTTTGTTGATTACCAACTGTTGCTGGAAGATTCANAACCTGGAGCANAAA
CTGCTTGATTTTTTTCTTGTTACGTATAATAGAGACATTTTAAAGCCAGCTCAAGT
CAGCATTAGNNCTTTTCTATTGGGACTTTACTAAAAAATATCTGCTGAATTTTTTGAG
GCCTTACTGACAGCACTTTTTTACCACAAGNTAACCTGCTTAGAATTCAGGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020644 unedited
TCCCCCCCCNTCCCCCTCCCCGCTCCCCCTCCTTTCTTGACTCTAGCACCTCGG
CCCCTATTTACGATCGCAGTTTTTTTTTTTTTTTTTGTGTTCAAAAATATTTTTA
TTGCTACATTCAAAGAGACAGAGGAAGAAAAAGCCAGTTATCCAATAATGGTTAGACC
TTTCAGAAGAGGCACCCACAACCCAGCCCTAGTTCAAAGCTGCACACATTGGAGCTCAA
ACAGCTGCCTCTACCACGACCGAAATGCTGACAAATGTGTATATATTCAATCCAGG
GAGGCTTGGGTTTAAAATAAAATTTCTTTATTGCAAGTGCCAAGTCTTAGGATTTGTC
CTTAAAGTACTAGAAGATGAGTAAGACCACACACCAAGACTATGTTTAGCCTTTAGA
GTAAACTAGCAATGGCCAGTTTGTCTACGATGCATTGCATCAGACATCACAGTACATG
AAGAAAATCTGCTTTTGTGAAAAGCCACCAGGCATTTTAGATCCCGTTTACCATGACGT
GCAGACACAGCAGATACCCAGATACTACAGTCACTGCAAAAGTCAAATGAGTAAGTCCGC
TTTTTGATGAGGCTGGCTACACTGCAAACTATAAATGAACTCGTAAATCGAAGGTAAGG
CCTATTTACACAAGTTTGTGTTAGAAAAGTGACCTGACAAAAGTTGTTAACCACCTTCCAG
GGCATTCTCCCCCTTCTCACCCCTAACCAATCACTTTAAAAACCTCCCCAGCCACCAAC
CTTGCAACATCTCCCGGACCGCCCGTTCAACCCCATGCGCCGGGAAAAACAATACGCC
TTGTTTCCCACTTAAAGGATCTCACGAACATTTACCGGGCCCATTTATTTTTCTCTATC
AAAGGCCCCACCTCGGCAAAAGAACTAATCGGCTGACACTTGAGCTGTGGCGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_020644

Insert Size:

1650 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:	<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:	NM_020644.1 , NP_065695.1
RefSeq Size:	1753 bp
RefSeq ORF:	597 bp
Locus ID:	56674
UniProt ID:	Q9NQ34
Cytogenetics:	11p15.4
Domains:	CXCXC
Protein Families:	Transmembrane
Gene Summary:	Enhances production of proinflammatory cytokines induced by TNF, IL1B, and TLR ligands. Has a role in TNF activation of both the NF-kappaB and MAPK pathways.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).