

Product datasheet for **SC115429**

TMEM184B (NM_012264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM184B (NM_012264) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM184B
Synonyms:	C22orf5; FM08; HS5O6A; HSPC256
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115429 sequence for NM_012264 edited (data generated by NextGen Sequencing)

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ATGACAGTGAGGGGGGATGTGCTGGCCCCGGATCCAGCGTCGCCACGACCCGAGCAGCC
TCGCCCAGCGTCTCCGTGATCCCGAGGGCAGCCCCACTGCCATGGAGCAGCCTGTGTTCT
CTGATGACAACCTGCCGCTCAGGCCATCTCTGGTTCTTCTCGTGTGGACGGCCCTGCTCATC
ACATGCCACCAGATCTACATGCACCTGCGCTGCTACAGCTGCCCAACGAGCAGCGCTAC
ATCGTGCATCCTCTTTCATCGTGCCTCTACGCCTTTGACTCCTGGCTCAGCCTCCTC
TTCTTACCAACGACCAGTACTACGTGTACTTCGGCACCGTCCGCGACTGCTATGAGGCC
TTGGTCATCTATAATTTCTGAGCCTGTGCTATGAGTACCTAGGAGGAGAAAAGTCCATC
ATGTCCGAGATCAGAGGAAAACCCATTGAGTCCAGCTGTATGTATGGCACCTGCTGCCTC
TGGGAAAAGACTTATTCCATCGGATTTCTGAGGTTCTGCAAACAGGCCACCCTGCAGTTC
TGTGTGGTGAAGCCACTCATGGCGGTGAGCACTGTGGTCCCTCCAGGCCTTCGGCAAGTAC
CGGGATGGGGACTTTGACGTACCAAGTGGCTACCTCTACGTGACCATCATCTACAACATC
TCCGTCAGCCTGGCCCTTACGCCCTCTTCTCTTCTACTTCGCCACCCGGGAGCTGCTC
AGCCCCTACAGCCCCGTCTCAAGTTCTTTCATGGTCAAGTCCGTCATCTTTCTTTCTTTC
TGGCAAGGCATGCTCCTGGCCATCCTGGAGAAGTGTGGGGCCATCCCCAAAATCCACTCG
GCCCGGTGTCCGGTGGGCGAGGGCACCCTGGCTGCCGGTACCAGGACTTCATCATCTGT
GTGGAGATGTTCTTTGCAGCCCTGGCCCTGCGGCACGCCTTACCTACAAGGTCTATGCT
GACAAGAGGCTGGACGCACAAGGCCGCTGTGCCCATGAAGAGCATCTCCAGCAGCCTC
AAGGAGACCATGAACCCGACGACATCGTGCAGGACGCCATCCACAACCTTCTCACCTGCC
TACCAGCAGTACACGCAGCAGTCCACCCTGGAGCCTGGGCCACCTGGCGTGGTGGCGCC
CACGGCTCTCCCGCTCCACAGCCTCAGTGGCGCCCGGACAACGAGAAGACTCTCCTG
CTCAGCTCTGATGATGAATTCTAG

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Clone variation with respect to NM_012264.4
777 c=>t



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012264 unedited</p> <pre>AAGGGGAAGGGGAANAAAAAAAAAATTNAAAANTTTCTTTTACCCGCCCGTTGNCGCAAA GGGCGGTAGGCGGTACGGTGGGNAGTCTATATAAGCAGAGCTCATTTAGGTGACTAT AGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGGAATTCGGCAGGAGGGCAAAGTT TCCCTCAGGGAGCCTCCTGCTGCCAGGCACCATGACAGTGAGGGGGGATGTGCTGGCCCC GGATCCAGCGTCGCCCACGACCCGAGCAGCCTCGCCCAGCGTCTCCGTGATCCCCGAGGG CAGCCCCACTGCCATGGAGCAGCCTGTGTTCTGTATGACAACTGCCGCTCAGGCCATCTC TGGCTTCTTCGTGTGGACGGCCCTGCTCATCACATGCCACCAGATCTACATGCACCTGCG CTGCTACAGCTGCCCAACGAGCAGCGCTACATCGTGCGCATCCTCTTCATCGTGCCAT CTACGCCTTTGACTCCTGGCTCAGCCTCCTCTTCTTACCAACGACCAGTACTACGTGTA CTTCGGCACCGTCCGCGACTGCTATGAGGCCTTGGTCATCTATAATTTCTGAGCCTGTG CTATGAGTACCTAGGAGGAGAAAGTTCCATCATGTGCGAGATCAGAGGAAAACCCATTGA GTCCAGCTGTATGTATGGCACCTGCTGCCTCTGGGAAAGACTTATTCCATCGGATTTCT GAGGTTCTGCAACAGGCCACCCTGCAGTTCTGTGTGGTGAAGCCACTCATGGCGGTGAG CACTGTGGTCTCCAGGCCTTNCGCAAGTACCGNGATGGGGACTTTGACGTCACCAAGTGG CTACCTTACGTGACCATCATCTACAACATCTCCGTGAGCCTGGCCCTCTACGCCCTCTT NCTCTTACTTCGNACCCCGGAGCTGCTCACCCC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012264 unedited</p> <pre>NNGGGTTTACTATGNACCGCGCCGATTCTANNGATCGATTTTTTTTTTTTTTTTTTTTGA GATTCAATACAATCTATATTATCTCATATATAGATTTCTTCTCACTTTATTTGCTCACT TCTGTCACGCATTTAAAATGTCACAGAGACCAAAATAGAGTGGCTTTCTGGTGGAACTCA TGGCAGTCATACAACAAGATACAAAACCTAGGAGACTCTGTCTTCTCATACATCATACAAT TAATTTTTCAAGTATTCTTTATGTACAAAGAGCTACTCTACCTGGAAAGAAAATTTAAAA AAAAAAGACAAGGTAGGTTATGCATCCTAAGGAGGAGGAGGGATGGAGCGGTCCGGCA CATGTTCCCGTCCCCACGACCCACGGACCGCTGATTCCTGCCACTGAGCTCCCCCCAC CCTCCACGCAAACAGCAACGCTGGGCAGGCGAAAACCAAGGGAGTGGGAATCAGCAGCAC TTTGGCCTGGAGGGAGAAGGGAAGCCACGGTGGAGAGACAGCTTGGTGAAGCAGATGGC GGGGCAGGGCCAGGGCTGGTCTCAACCTGTGTCTGCCACCACCTCCCCGGCAGTTGG GCCCAACTGCTCCGCCCCCAAGATGGAGGGGAGAGCTGGCCTTTGCACCCACATGC AGGCCTCTGCCACCAGGAAAAGAAGGAGGCCACGAAGACAGGTGGGCCCAACCTCCTTA CAGTGGCAAGGAAGGAACCTGTTCTTTCCGAAGGGCCAAAAGAAAGAAATCCCCCTGAACA CCGGCGGGGGCCTCTTCTTACCTACCAGTTTTTCAGTGAATGGGGCCAAACCCAGGGA AATATGGGTTTTAAAGCCCCGAACCTTTCTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012264
Insert Size:	4000 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_012264.3](#), [NP_036396.2](#)

RefSeq Size: 3587 bp

RefSeq ORF: 1224 bp

Locus ID: 25829

UniProt ID: [Q9Y519](#)

Cytogenetics: 22q13.1

Domains: DUF300

Protein Families: Transmembrane

Gene Summary: May activate the MAP kinase signaling pathway.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) is the most frequently occurring transcript variant. The resulting protein (isoform a) is the longer protein. Variants 1 and 2 encode the same protein.