

Product datasheet for **SC320333**

TMEM45B (NM_138788) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM45B (NM_138788) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM45B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_138788.2
 GTTGTTTTGAGATGGAGTTTGTCTTTGTACCCAGGCTGGAGTGCAATGGCGCATCT
 CGGCTCACTGCAACCTCCCTCTCCCGGTTCAAGCGATTCTCTGCCTCAGTCTCCCGAG
 TAGCTGGGACTACAGGCTCTGCCACCGCGCCCGGCTAATTTTTTATGTTTAGTAGAGA
 CAGGGTTTCACCATGTTTGTGAGGCTTATCTCGAACTCCTGACCTCAGGTGATCTGCCTG
 CCTCGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCACCTGGCCTCTCATGT
 TTTTCTATAAGCAGTTAAGAGAAGCCACACAGCATCCTGAACACTTTGCTTTCTATCTCT
 TCTGCCAAATATCCTAGGTCATATTCTTAAGTTCTGCCCTCCATGAAGTCCTAGGAAAC
 GACATAATTACAGGTGCTGTGATGGCAAATTTCAAGGGCCACGCGCTTCCAGGGAGTTTCT
 TCCTGATCATTGGGCTGTGTTGGTCAGTGAAGTACCCGCTGAAGTACTTTAGCCACACGC
 GGAAGAACAGCCCACTACATTACTATCAGCGTCTCGAGATCGTGAAGCCGCAATTAGGA
 CTTTGTTCCTGCTCACTGGGATCCTGGCAGAGCAGTTTGTTCGGATGGGCCCCACCTGC
 ACCTCTACCATGAGAACCCTGGATAAAGTTAATGAATTGGCAGCACAGCACCATGTACC
 TATTCTTTGCAGTCTCAGGAATTGTTGACATGCTCACCTATCTGGTCAGCCACGTTCCCT
 TGGGGGTGGACAGACTGGTTATGGCTGTGGCAGTATTCATGGAAGGTTTCTCTTCTACT
 ACCACGTCACACACCGGCTCCGCTGGACCAGCACATCCACTCACTCCTGCTGTATGCTC
 TGTTCCGAGGGTGTGTTAGTATCTCCCTAGAGGTGATCTTCCGGGACCACATTGTGCTGG
 AACTTTTCCGAACCACTCATCATTCTTCAGGGAACCTGGTTCTGGCAGATTGGGTTTG
 TGCTGTTCCCACTTTTGAACACCCGAATGGGACCAGAAGGATGATGCCAACCTCATGT
 TCATCACCATGTGCTTCTGCTGGCACTACCTGGCTGCCCTCAGCATTGTGGCCGTCACCT
 ATTCTCTTGTCTTACTGCCTTTTACTCGGATGAAGAGACACGGAAGGGGAGAAATCATTG
 GAATTCAGAAGCTGAATTCAGATGACACTTACCAGACCGCCCTCTTGAGTGGCTCAGATG
 AGGAATGAGCCGAGATGCGGAGGGCGCAGATGTCCCACTGCACAGCTGGAATGAATGGAG
 TTCATCCCTCCACCTGAATGCCTGCTGTGGTCTGATCTTAAGGGTCTATATTTGCAC
 CTCCTCATTCAACACAGGCTGGAGTTCTACAACAGGAAATCAGGCCTACAGCATCCTG
 TGTATCTTGCACTGGGATTTTTAAACATACTATAAAGTCTGTGTTGGTATAGTACCCTT
 CATAAGGAAAAATGAAGTAATGCCTATAAGTAGCAGGCCTTTGTCCCTCAGTGTCAAGAG
 AAATCAAGAGATGCTAAAAGCTTTACAATGGAAGTGGCCTCATGGATGAATCCGGGGTAT
 GAGCCCAGGAGAACGTGCTGCTTTTGGTAACTTATCCCTTTTCTCTTAAGAAAGCAGGT
 ACTTTCTATTAGAAATATGTTAGAATGTGTAAGCAAACGACAGTGCCTTTAGAATTACA
 ATTCTAACTTACATATTTTTTGAAGTAAAATAATTACAAGCTTTGGTATTTTAAAAAA
 AA
 AAAAA

Restriction Sites: Please inquire

ACCN: NM_138788

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_138788.2](#), [NP_620143.1](#)

RefSeq Size: 2208 bp

RefSeq ORF: 828 bp

Locus ID: 120224

UniProt ID: [Q96B21](#)

Cytogenetics: 11q24.3

Domains: DUF716

Protein Families: Transmembrane