

Product datasheet for **SC318483**

TMEM132B (NM_052907) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM132B (NM_052907) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM132B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318483 representing NM_052907. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGTTTGGTGCAGCATCCAGAATGGACACCACTGCTGTCTGCACCGGGGAGTGACAGAGAGTCGAGGG
ATTGTGGATAGCTGCAGAAGTTTTCTCGCTCCCTGCTTACCTCCCCACGAACCTGCACATCTCCAAT
GCAGAGGAGTCCTTTTCTTAAAGAAGCCAACCAAGACCTCACAAAGAACTCCAGTCTGCAGGCCCGG
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GCTGAGCTGGAGCTGCTGCCGAGTGGTTCAGCTCAGGCCTGGACCTGGAACAGAGGAGGAGATCCCA
GCCCTGCTCGGGGACACGATGGAGCTCTTCTCACGCTCTACCCAGCTGACAAGGCTGGCCAGTGT
CCTCTGGAGGAGGAAGGCAAGTGGGAGAACAATATCCACTCGGGCTGGAGAGCCCCAGCAAGCGTTT
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GGAAAGCCTGTTTCAGTTCCTGTCAAAGTCGTGGGGTCCAGGAGGATGGTCTGTGGTTCGATGTGTCT
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CAGTTTCAGGTCACTGTCTGGGCACCCAGGCTCCCTGCAGATTGAGATCTCAGACACCGAGCTGAGC
CAGATCAAGGGCTGGAGGATCCCGTTGCTGCCAACAGAAGGCCTACCCGGGAAGCGATGACGAGGAC



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GATGAGGAGAAGAAGGGACGAGGCTGCTCCCTGCAGTACCAGCACGCCACAGTGCCTGCTCCTACCCAG
 TTTGTGGCCGAGTCACCTGACTTAGGGCAGCTGACCTACATGCTGGGCCCCGACTGGCAGTTTGACATC
 ACTGACCTTGTGACCGAGTTCATGAAGGTGGAGGAGCCGAAAAATCGCTCAGTTACAGGACGGCAGGACC
 CTGGCTGGTCGGGAGCCGGGAATAACCACGGTGCAGGTCTCTCGCCGTTGTCTGACTCCATCCTGGCT
 GAGAAGACGGTGATTGTCCTGGATGACCGAGTACCATCGCGGAGCTGGGAGTGCAGCTCGTAGCTGGC
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 AAGTTAGAAATGATGATAAGTGAACCTTGTGAGAAGACCAAGAGGAAGAGTGTCTTGCCGTGGTAAA
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 CAGGAATGGTTCACCGTGGCACACCTGTTGGCCAAGAGGAAAGTACCAACAAAAGCACAACCCCCAG
 TCTCCCATGGAAGGGAAGAATAAGTTACTCAAAAGTGGTGGTCCAGATGCCTTTACAAGCTTCCCCACT
 CAAGGGAAGTACCGGACCCCAATAATCCTAGTGACCTCACAGTGACCTCAAGGGGGCTAACGGACTTG
 GAGATTGGCATGTATGCCTTGCTCTGCGTCTTCTGTCTGGCCATTCTGGTCTTCTTGATCAACTGCGTG
 GCGTTTGCTGGAATACAGACACAAAAGTTTGTGTGAGTGAGCAGGGCAACATCCCCCATCCCCAC
 GACTGGGTCTGGCTTGGGAATGAAGTGGAACTTTTGGAGAACCCTGTTGACATTACACTCCCATCAGAG
 GAGTGACAACCATGATAGACAGGGGCTGCAGTTCGAGGAGAGGAACCTCCTTCTGAATGGCAGTTCC
 CAGAAGACTTTTCATAGTCAACTACTCAGACCTCTGACTATGTCTATGAGAAAGAAATTAATAATGAA
 CCTATGAATCTTCGGGCCCAAAGAGGAAGAGAGTCAAGTTCACCTTCTACACCACCATCCTCCAGAG
 GACGGCGGCCCATACACCAACTCCATCCTGTTTGACAGCGATGATAACATCAAGTGGGTCTGCCAAGAT
 ATGGGGCTGGGGGATTACAGGACTTTAGAGACTATATGGAAGTCTGCAAGACCAGATGTA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	Sgfi-MluI
ACCN:	NM_052907
Insert Size:	3237 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).
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:	<u>NM_052907.3</u>

RefSeq Size:	10912 bp
RefSeq ORF:	3237 bp
Locus ID:	114795
UniProt ID:	Q14DG7
Cytogenetics:	12q24.31-q24.32
Protein Families:	Transmembrane
MW:	119.5 kDa