

Product datasheet for **SC126315**

TMEM45A (NM_018004) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM45A (NM_018004) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM45A
Synonyms:	DERP7; DNAPTP4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018004 edited
 TGAGCATTAAAGCAGTATCTCCAGCATTGTTAGCTACTGAGTGGCACATCTTCAGTACGC
 ATGATTCGTGGGGACTCAGGCAGAGGTAAAAGTGTGAACTTTTCAGCATTACCTAAGA
 AGCAAAGGCTCAATTTGGCTGCTTCATTCTTATCTCTTCTGCCACAGTTCTAACGTGCC
 TGATCTACTGAGACCAAGGATGACCAATGACTCAGAAGGGAAAATGGGATTTAAACACCC
 AAAGATCATGGGAATTTAGAGGTCATGCCCTCCCTGGAACCTCTTTTTTATTATTGG
 TCTTTGGTGTACAAAAGAGTATTCTGAAGTATATCTGCAAAAAGCAAAAGCGAACCTG
 CTATCTGGTTCCAAAACATTATTCTATCGATTGGAAATTTTGGAGGGAATTACAATAGT
 TGGCATGGCTTTAACTGGCATGGCTGGGAGCAGTTTATTCTGGAGGGCCCATCTGAT
 GTTATATGACTATAAACAAGGTCACTGGAATCAACTCCTGGGCTGGCATCATTTACCAT
 GTATTTCTTTGGGCTGTTGGGTGGCAGATATCTTATGTTTCACCATCAGTTCACCT
 TCCTGTGCCTTAACCAAGTTAATGTTGTCAAATGCCTTATTTGTGGAGGCCTTTATCTT
 CTACAACCACACTCATGGCCGGAAATGCTGGACATCTTGTGCACCAGCTGCTGGTTTT
 GGTGCTCTTTCTGACAGGCCTCGTTGCCTTCTAGAGTTCCTTGTTCGGAACAATGACT
 TCTGGAGCTATTGCGGTCAAGTCTCATTCTGCTCAGGGGAGCTGTTCTTTAGATTGG
 ATTTGTCTGTATCCCCCAGTGGAGGTCTGCATGGGATCTGATGGATCATGAAAATAT
 TTTGTTTCTACCATATGCTTTTGTGGCATTATGCAGTAACCATTGTCATCGTTGGAAT
 GAATTATGCTTTTACCTGGTTGGTAAATCTAGACTTAAGAGGCTCTGCTCCTCAGA
 AGTTGGACTTCTGAAAAATGCTGAACGAGAACAAGAATCAGAAGAAGAAATGTGACTTTG
 ATGAGCTTCCAGTTTTCTAGATAAACCTTTTCTTTTTACATTGTTCTTGGTTTTGTTT
 CTCGATCTTTGTTGGAGAAGCTGGCTAAGGATGACTCTAAGTGTACTGTTTGCATT
 TCCAATTTGGTTAAAGTATTTGAATTTAAATATTTTCTTTTTAGCTTTGAAAATATTTG
 GGTGATACTTTTCAATTTGCACATCATGCACATCATGGTATTCAGGGGCTAGAGTGATTTT
 TTTTCCAGATTATCTAAAGTTGGATGCCACACTATGAAAGAAAATATTTGTTTTATTGTC
 CTTATAGATATGCTCAAGTTACTGGGCTTGTACTATTTGTAACCTTACCCTGACCATGGAA
 TTATACTGTTTTATCTTGTGTGCAATGAGAAAATAAATGAATGTATGTAAAAA
 AA
 AAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_018004 unedited
 GTTCTCATTTGTATACCCTTACTATAGCGGCCGCGCAATTCGATCTGGTACCGGTCCG
 GAATTCCTGGGATTGAGCATTAAAGCAGTATCTCCAGCATTGTTAGCTACTGAGTGGCAC
 ATCTTCAGTACGCATGATTCGTGGGGACTCAGGCAGAGGTAAAAGTGTGAACTTTTCA
 GCATTACCTAAGAAGCAAAGGCTCAATTTGGCTGCTTCATTCTTATCTCTTCTGCCACA
 GTTCTAACGTGCCTGATCTACTGAGACCAAGGATGACCAATGACTCAGAAGGGAAAATGG
 GATTTAAACACCCAAAGATCATGGGGAATTTAGAGGTCATGCCCTCCCTGGAACCTTCT
 TTTTTATTATTGGTCTTTGGTGGTGTACAAAAGAGTATTCTGAAGTATATCTGCAAAAAGC
 AAAAGCGAACCTGCTATCTTGGTTCCAAAACATTATTCTATCGATTGGAAATTTTGGAGG
 GAATTACAATAGTTGGCATGGCTTTAACTGGCATGGCTGGGAGCAGTTTATTCTGGAG
 GGCCCATCTGATGTTATATGACTATAAACAAGGTCACTGGAATCAACTCCTGGGCTGGC
 ATCATTTCACCATGTATTTCTTCTTTGGGCTGTTGGGTGGCAGATATCTTATGTTTCA
 CCATCAGTTCACCTCCTGTGCTTAACCAAGTTAATGTTGTCAAATGCCTTATTTGTGG
 NAGCCTTATCTTCTACCCACACTCATGGCGNAAAATGCTGACATCTTTGTGCCACA
 GCTGCTGTTTTGGTCTGCTTTCTGACAGGCCTTTTGCCTTCTAGAGTCCCTGGTTCC
 GAACATGACTTCTGGAGCTATGGCCGTCACTCATCCTGCTTCAGGGGAGCTGTTCT
 TTC

Restriction Sites: NotI-NotI
ACCN: NM_018004

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_018004.1 , NP_060474.1
RefSeq Size:	1564 bp
RefSeq ORF:	828 bp
Locus ID:	55076
UniProt ID:	Q9NWC5
Cytogenetics:	3q12.2
Protein Families:	Transmembrane