

Product datasheet for **SC127760**

TMEM18 (NM_152834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM18 (NM_152834) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM18
Synonyms:	IncND
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127760 sequence for NM_152834 edited (data generated by NextGen Sequencing)

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ATGCCGTCCGCCTTCTGTGTCAGCTCTTCCCCGTCAGCATCCCAGCCGTGCTCACGCAG
ACGGACTGGACTGAGCCCTGGCTCATGGGGCTGGCCACCTTCCACGCGCTCTGCGTGCTC
CTCACCTGCTTGTCCCTCCGAAGCTACAGACTACAGATCGGGCACTTTCTGTGTCTAGTC
ATCTTAGTCTACTGTGCTGAATACATCAATGAGGCGGCTGCGATGAACTGGAGATTATTT
TCGAAATACCAGTATTTGACTCCAGGGGGATGTTCAATTTCTATAGTATTTTCAGCCCCA
CTGCTGGTGAATGCCATGATCATTGTGTTATGTGGGTATGGAAGACTTTGAATGTGATG
ACTGACCTGAAGAATGCACAAGAGAGAAGAAAGAAAAGAAAAGGAGAAGGAAAGAAGAC
TGA
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Clone variation with respect to NM_152834.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152834 unedited GGGCCANCCCCCTCCCTACNNNNNGTGTGAGATTTGTATACGACTTATATAGGCGGCC GCGNAATTCGCACGAGGTGAGAGCGGGCTTCCCAACACCATGCCGTCCGCCTTCTCTGTC AGCTCTTCCCGTCAGCATCCCAGCCGTGCTCACGCAGACGGACTGGACTGAGCCCTGG CTCATGGGGCTGGCCACCTTCCACGCGCTCTGCGTGCTCCTCACCTGCTTGTCTCCCGA AGCTACAGACTACAGATCGGGCACTTTCTGTGTCTAGTCATCTTAGTCTACTGTGCTGAA TACATCAATGAGCGGCTGCGATGAACTGGAGATTATTTTCGAAATACCAGTATTTTCGAC TCCAGGGGATGTTCAATTTCTATAGTATTTTCAGCCCACTGCTGGTGAATGCCATGATC ATTGTGGTTATGTGGTATGGAAGACTTTGAATGTGATGACTGACCTGAAGAATGCACAA GAGAGAAGAAAGAAAAGAAAAGGAGAAGGAAAGAAGACTGANGGGCAGCAGCTGCTTGG AGTTTGCCTTCCCGTCCACCCAGTGCAGCTCCAGTGTGCGTGGCGTGG GCATCCTTCCAGCTGACTCATGGTTTAAAAACCGTGTATTTAATATCCACAGTGGT ANGGCACACACTGAAAAGTTGCTTTCAGCCAGCACTGAATGTATCCATCANGACATGCGT CTTCAGGTGCCTGATCTTTGTANTCAGGCTGTGGGAAACGTCTCTGCAGAGCTCAATAAC TGAATTTGATTTGAAGAAGCCATGTATGTGGAAGTGNCCATTTTTAATTTAAAA TTCCATTTTAAATTTGAACTCAATATAAACAGTGCCACCTGTCCATGGGCACCCTGCC CTCCTCCTCGGGCTGGGTTTCTAAGGATGCCCCCAAGTCCAATAAAGGGGGTTACCT TCAAGAAATGGGGCAAGTTTGAACACCTGTTGTCACTGGAGGGGGGGCTCTGGTTTT CCTGGGGACCG
Restriction Sites:	NotI-NotI
ACCN:	NM_152834
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_152834.2 , NP_690047.2
RefSeq Size:	2138 bp
RefSeq ORF:	423 bp
Locus ID:	129787
UniProt ID:	Q96B42
Cytogenetics:	2p25.3
Protein Families:	Transmembrane

Gene Summary:

Transcription repressor. Sequence-specific ssDNA and dsDNA binding protein, with preference for GCT end CTG repeats. Cell migration modulator which enhances the glioma-specific migration ability of neural stem cells (NSC) and neural precursor cells (NPC). [UniProtKB/Swiss-Prot Function]