

Product datasheet for **SC333977**

TMEM14B (NM_001286488) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM14B (NM_001286488) Human Untagged Clone
Tag: Tag Free
Symbol: TMEM14B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC333977 representing NM_001286488.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

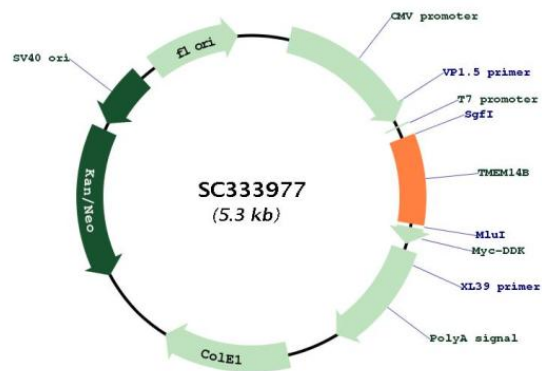
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGAAGCCCCTCTCCCATAGTGCCTTTGCATTGGTTTGGCTTTGGCTACACAGCACTGGTTGTT
TCTGGTGGGATCGTTGGCTATGTAAAAACAGGCAGCGTGCCGTCCTGGCTGCAGGGCTGCTCTTCGGC
AGTCTAGCCGGCCTGGGTGCTTACCAGCTGTATCAGGATCCAAGGAACGTTTGGGGTTTCTAGCCGCT
ACATCTGTACTTTTGTGGTGTATGGGAATGAGATCCTACTACTATGGAAAATTCATGCCTGTAGGT
TTAATTGCAGGTGCCAGATGGAGTATGGCTCTTGTGGCCAAGCTGGGGTGAATGGTGCATCTCAGC
TCATTGCAACCTCCACCTCCAGGTTCAAGCGATTCTCCTGCCTACCCTCCTGAGTAGCTGGGATTTCC
AGGTGTGCACCACCACCCAGCTAATTTTTTGTATTTTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001286488

Insert Size: 456 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_001286488.1
RefSeq Size:	1311 bp
RefSeq ORF:	456 bp
Locus ID:	81853
Cytogenetics:	6p24.2
Protein Families:	Transmembrane
MW:	16.5 kDa
Gene Summary:	<p>Primate-specific protein involved in cortical expansion and folding in the developing neocortex. May drive neural progenitor proliferation through nuclear translocation of IQGAP1, which in turn promotes G1/S cell cycle transitions.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains an alternate 3' terminal exon and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (d) has a distinct C-terminus and is longer than isoform a.</p>