

Product datasheet for **MC227568**

Tmem184b (NM_001253819) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem184b (NM_001253819) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem184b
Synonyms: 2610507A11; 4732495E13Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227568 representing NM_001253819
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACAGTGAGGGGGCCGCGCTGGCCCCAGCCAGCGTCACCCACAACCACAACAGTTCACCTAGCG
 TCTCTGCCACCCCGAGGGCAGCCACAGCCATGGAGCACCCCTGTGTTCTGATGACCACTGCCGCCA
 GGCCATCTCCGGTTCTTTGTGTGGACAGCTCTGCTCATCACTTGCCACCAGATCTACATGCATCTGCGC
 TGCTACAGCCGTCCTCAATGAGCAGCGCCACATCGTGCGCATCCTTTCATCGTGCCCATCTACGCCCTCG
 ACTCCTGGCTCAGCCTCCTCTTCTTCAACAATGACCAGTACTACGTGACTTCGGCACCGTCCGAGACTG
 CTATGAGGCCCTTGTGATCTATAACTTCTGAGCTTGTGCTATGAGTACCTCGGGGGAGAGAGTGCCATC
 ATGTCTGAGATCAGAGGGAAGGCCATTGAGTCCAGCTGTATGTACGGCACGTGCTGCCTCTGGGGAAAGA
 CCTACTCCATCGGATTCCTGCGGTTCTGTAACAGGCCACCCTGCAGTTCGTGTGGTGAAGCCACTCAT
 GGCCGTCAGCACCGTTATACTCCAGGCCCTTGGCAAGTACCGGGACGGAGACTTTGATGTCACCAGTGGG
 TACCTCTACGTGACCATCATCTACAACATCTCCGTGAGCCTGGCCCTATATGCGCTCTTCTCTTACT
 TTGCCACAAGGGAGCTGCTCAGCCCCTACAGCCCTGTCCTCAAGTCTTTCATGGTCAAGTCGTCATATT
 CCTCTCCTTCTGGCAAGGCATGCTGCTGGCCATCTTAGAGAAGTGCAGGGCCATCCCAAGATCAACTCA
 GCGCGAGTGTCAGTGGGTGAGGGCACCGTGGCTGCCGGCTACCAGGACTTCATCATCTGTGTGGAGATGT
 TCTTCGCGGCTTGGCCCTGCGGCATGCCTTCACTACAAGGTCTACGCTGACAAGAGACTGGACGCTCA
 AGTGCTGACGTACGGCCATACGGCCGCTGCGCCCCATGAAGAGCATCTCCAGCAGCCTCAAAGAGACC
 ATGAACCCACACGATATTGTGCAGGACGCCATCCACAACCTCTCGCCAGCCTACCAGCAGTACACGCAGC
 AGTCCACTCTGGAGCCCCGGGCCACCTGGCGTGGCGGCACGCACAGCCTTCCCGCTCCACAGCCTTAG
 TGGTGCACGCGACAATGAGAAGACTCTGCTGCTCAGCTCTGATGATGAGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001253819
Insert Size:	1245 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001253819.1</u> , <u>NP_001240748.1</u>
RefSeq Size:	3357 bp
RefSeq ORF:	1245 bp
Locus ID:	223693
UniProt ID:	<u>Q8BG09</u>
Cytogenetics:	15 E1
Gene Summary:	May activate the MAP kinase signaling pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has an additional in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (2) is longer than isoform 1.