

Product datasheet for **MC227536**

Tmem184b (NM_001253817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem184b (NM_001253817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem184b
Synonyms:	2610507A11; 4732495E13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227536 representing NM_001253817 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGTGAGGGGGCCGCGCTGGCCCCAGACCAGCGTCACCCACAACCACAACAGCTTCACCTAGCG
TCTCTGCCACCCCGAGGGCAGCCCCACAGCCATGGAGCACCCCTGTGTTCCCTGATGACCACTGCCGCCA
GGCCATCTCCGGTCTTTGTGTGGACAGCTCTGCTCATCACTTGCCACCAGATCTACATGCATCTGCGC
TGCTACAGCCGTCCTCAATGAGCAGCGCCACATCGTGCATCCTTTCATCGTCCCATCTACGCCCTTCG
ACTCCTGGCTCAGCCTCCTTCTTCCCAATGACCAGTACTACGTGTACTTCGGCACCGTCCGAGACTG
CTATGAGGCCCTTGTATCTATAAATTCCTGAGCTTGTGCTATGAGTACCTCGGGGGAGAGAGTGCCATC
ATGTCTGAGATCAGAGGGAAGGCCATTGAGTCCAGCTGTATGTACGGCACGTGCTGCCTCTGGGGAAGA
CCTACTCCATCGGATTCCTGCGGTTCTGTAACAGGCCACCCTGCAGTTCGTGTGGTGAAGCCACTCAT
GGCCGTACGACCCGTTATACTCCAGGCCCTTGGCAAGTACCGGGACGGAGACTTTGATGTACCAGTGGG
TACCTCTACGTGACCATCATCTACAACATCTCCGTGAGCCTGGCCCTATATGCGCTCTTCTCTTACT
TTGCCACAAGGGAGCTGCTCAGCCCCTACAGCCCTGTCTCAAGTCTTTCATGGTCAAGTCCGTCATATT
CCTCTCCTTCTGGCAAGGCATGCTGCTGGCCATCTTAGAGAAGTGCAGGGCCATCCCCAAGATCAACTCA
GCGCGAGTGTAGTGGGTGAGGGCACCGTGGCTGCCGGCTACAGGACTTCATCATCTGTGTGGAGATGT
TCTTCGCGGCTTGGCCCTGCGGCATGCCTTACCTACAAGTCTACGCTGACAAGAGACTGGACGCTCA
AGGCCGCTGCGCCCCATGAAGAGCATCTCCAGCAGCCTCAAAGAGACCATGAACCCACACGATATTGTG
CAGGACGCCATCCACAATTTCTCGCCAGCCTACCAGCAGTACACGCAGCAGTCCACTCTGGAGCCCGGGC
CCACCTGGCGTGGCGGCACGCACAGCCTTCCCGCTCCACAGCCTTAGTGGTGCACGCGACAATGAGAA
GACTCTGTGCTCAGCTCTGATGATGAGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001253817
Insert Size:	1224 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_001253817.1, NP_001240746.1</u>
RefSeq Size:	3378 bp
RefSeq ORF:	1224 bp
Locus ID:	223693
UniProt ID:	<u>Q8BG09</u>
Cytogenetics:	15 E1
Gene Summary:	<p>May activate the MAP kinase signaling pathway.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1).</p>