

## Product datasheet for **MC226688**

### **Tmem184b (NM\_001253820) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem184b (NM\_001253820) 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:** >MC226688 representing NM\_001253820  
**Red=Cloning site Blue=ORF Orange=Stop codon**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTGAGATCAGAGGGAAGGCCATTGAGTCCAGCTGTATGTACGGCACGTGCTGCCTCTGGGAAAGA  
CCTACTCCATCGGATTCCTGCGGTTCTGTAACAGGCCACCCTGCAGTTCGTGTGGTGAAGCCACTCAT  
GGCCGTCAGCACGTTATACTCCAGGCCTTTGGCAAGTACGGGACGGAGACTTTGATGTCACCAGTGGG  
TACCTCTACGTGACCATCATCTACAACATCTCCGTCAGCCTGGCCCTATATGCGCTCTTCTCTTACT  
TTGCCACAAGGGAGCTGCTCAGCCCTACAGCCCTGTCCTCAAGTTCTTCATGGTCAAGTCCGTCATATT  
CCTCTCCTTCTGGCAAGGCATGCTGCTGGCCATCTTAGAGAAGTGGGGGCCATCCCAAGATCAACTCA  
GCGCGAGTGTGAGTGGGTGAGGGCACCGTGGCTGCCGGCTACCAGGACTTCATCATCTGTGTGGAGATGT  
TCTTCGCGGCCTTGGCCCTGCGGCATGCCTTACCTACAAGGTCTACGCTGACAAGAGACTGGACGCTCA  
AGGCCGCTGCGCCCCATGAAGAGCATCTCCAGCAGCCTCAAAGAGACCATGAACCCACACGATATTGTG  
CAGGACGCCATCCACAATTCTCGCCAGCCTACCAGCAGTACACGCAGCAGTCCACTCTGGAGCCCGGGC  
CCACCTGGCGTGGCGGCACGCACAGCCTTCCCGCTCCACAGCCTTAGTGGTGCACGCGACAATGAGAA  
GACTCTGCTGCTCAGCTCTGATGATGAGTTC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001253820  
**Insert Size:** 804 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001253820.1, NP_001240749.1</u>
<b>RefSeq Size:</b>	2881 bp
<b>RefSeq ORF:</b>	804 bp
<b>Locus ID:</b>	223693
<b>UniProt ID:</b>	<u>Q8BG09</u>
<b>Cytogenetics:</b>	15 E1
<b>Gene Summary:</b>	May activate the MAP kinase signaling pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks two exons in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (3) is shorter at the N-terminus, compared to isoform 1.