

## Product datasheet for **MC208066**

### Tmem246 (NM\_025944) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem246 (NM\_025944) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem246  
**Synonyms:** 2810432L12Rik; 9330170P15Rik; AI835809  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208066 representing NM\_025944  
**Red=Cloning site Blue=ORF Orange=Stop codon**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACCACGTCAACCTCTCCAGCTGCCATGCTTCTCCGGAGGCTTCGGCGACTCTCTGGGGCAGCACAG  
CTGTGCAGCTCTTCAATTCAACCGTGGTGACATTTGGCTTACTGGCCCCGCTGGCCTGCCACCGGCTCT  
CCACTCATATTTCTATCTGCGTCATTGGCATCTAAACCAGATGAGCCAGGACTTCTGCAGCAGAGCCTG  
AAGGAGGGGGAAGCTGCCCTTCACTACTTTGAAGAGCTGCCCTCTGCCAATGGGTCTGTGCCCATCGTCT  
GGCAGGCCACTCCCCGCCCTGGCTGGTGATTACCATAATCACTGTGGATAGGCAGCCTGGCTTTCATTA  
TGTCTTACAGGTAGTATCCCAGTTCATCGGCTTCTGCAGCAGTGGGCCCCAGTGTGAAGGGCACCAG  
CTCTTCTGTGCAATGTGGAACGGAGTGTGAGCCATTTTATGCTAAGCTGCTCTAAGTACGTCCCTG  
TGGCAACCGCTACGAGGGCACCGAAGACGATTACGGTGTGACCCCTTCCACTAACTCATTTGAGAAAGA  
GAAGCAAGACTATGTGTATTGCCTGGAGTCATCGCTGCAAACCTACAATCCAGACTATGCTCTGATGGTG  
GAGGATGATGCTATTCCAGAAGAACAGATCTTCCAGTATTGGAGCACCTCCTGCGTGTCTGCTTCTCTG  
AGCCACACCTCCAAGATGCCCTGTATCTAAAGCTCTATCACCCAGAGAGGCTACAGCACTACATCAACCC  
AGAGCCTATGCGGATCCTGGAGTGGTTGGTGTGGGCATGCTGCTGGGGCCTGTGCTAACCTGGATCTAC  
ATGAGGTTTGCCTGCCGCCAGGCTTCACTGGCCTGTGCTTTTCTTCTGTCTCTACAGCATGGGGC  
TGGTGGAACTGGTGGCCGACACTATTTTCTGGAAGTGGCGGCCTGAGTCCCTCCTGTACAGTGTGGT  
TCCTGCCTCTCAGTGTGTACCCCGCTATGCTCTTCCCTGCCCTGCTGCCCGCAGGACCTCACCTAC  
CTGTCCCAGGTGTACTGCCACAAGGGCTTTGGCAAAGACATGGCACTGTACTCTCTGCTGAGAGCCAAGG  
GGGAGAGGGCCTATGTGGTGGAGCCCAACCTTGTGAAACACATTTGGGCTTCTCCAGCCTACGGTACAA  
TTTTTCATCCAGCCTACTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_025944
<b>Insert Size:</b>	1212 bp
<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>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>	<a href="#">NM_025944.3</a> , <a href="#">NP_080220.2</a>
<b>RefSeq Size:</b>	2983 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	67063
<b>UniProt ID:</b>	<a href="#">Q91YV9</a>
<b>Cytogenetics:</b>	4 B1
<b>Gene Summary:</b>	Golgi-resident glycosylphosphatidylinositol (GPI)-N-acetylgalactosamine transferase involved in the lipid remodeling steps of GPI-anchor maturation. Lipid remodeling steps consist in the generation of 2 saturated fatty chains at the sn-2 position of GPI-anchors proteins. Required for the initial step of GPI-GalNAc biosynthesis, transfers GalNAc to GPI in the Golgi after fatty acid remodeling by PGAP2.[UniProtKB/Swiss-Prot Function]