

## Product datasheet for **MC216566**

### **Tmem8b (NM\_001085508) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem8b (NM_001085508) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem8b
Synonyms:	4930500O05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216566 representing NM\_001085508  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACATGCCCCAGTCACTAGGCACCCAGCCACTGCCTCCGAGCCACCATCCCTGGGGACTCCTATAG  
 AAGGGTCTGGAGCCATAGCACCCACTGAGCACTGCTGGCCAGTGGTCCGACTCTGCGCAATGAGCTGGA  
 TACCTTCTCTGTCCACTTCTACATCTTTTTTGGTCCCAGCGTGGCCCTTCCACCTGAGCGCCAGCTGTA  
 TTTGCCCTGAGGCTGTTGCCGGTCTGGACAGCGGGGGCGTCTTAGCCTGGAGCTCCAGCTCAATGCGA  
 GCTCTCTGCGCCAGGAAATGTAACAGTATTCGGATGCCTGACTCATGAGGTGCCCTTGAGCCTGGGGGA  
 TGCTGCTGTGACCTGTTCCAAAGAGTCCCTGGCAGGCTTCTTCTCTCGGTGAGTCCACCTCCAGAGTG  
 GCCAGGCTTCGAATCCATTCCACAGACGGGACCTGGTTCTGACCCTCCGTTCTCTGTGCGGGGTGG  
 GACCTCGGTTTGTGCGGTGCCGAATGCAACGGCAGAAGTGGGCTGCGTACCTTCTGTCCCATGTGT  
 GGATGACTGTGGCCCTATGGCCAGTGCAACTGCTGCGCACCCACAACCTACCTGTACGGCCCTGCGAG  
 TGCAAGGCTGGGTGGCGGGCTGGGGTTGCACAGACAGTCCCGACGCGCTCACCTATGGATTCCAGCTGC  
 TGTCACACTCCTCTGCCTGAGCAACCTCATGTTTTTGGCACCTGTGGTCTGGCCATTTCGGAGCCG  
 ATACGTGCTGGAAGCTGCCGTCTACACCTTCCACCTGTTCTTCTCCACGTTCTATCATGCCTGTGACCAG  
 CCAGGCATTGTGGTTTTCTGTATCATGGACTATGATGACTTCAGTTCTGTGATTTCTGGGCTCCTTAA  
 TGTCCGTGTGGGTACCGTCATAGCCATGGCTCGTCTGCAGCCTGTGATCAAGCAGGTGCTGTATCTGCT  
 CGGGGCTATGCTGCTGTCTATGGCTCTGCAGCTTGACCGCATGGACTCTGGAATCTGCTGGGACCCAGT  
 CTCTTTGCCCTCGGGATCTTGGCCACAGCTTGGACAGTTCGCAGCGTCCGGCGCCGGCAGCTGTTACCCAC  
 CGACATGGCGCCGCTGGCTTTTCTACCTGTGTCGGCAGCCTGATTGCTGGCAGTCCCGTCTACTGTA  
 TGCTTTGCTGGAGACTCGGGACAACACTTCTACATTACAGCATTGGCACATGCTCATTGCTGGCAGT  
 GTGGGTTCTGCTGCCTCCCCGTGCCAAGACTGACCGCCGGTCCCTTCTGGAGCCCGGCCAGGGGCT  
 GCGGTTACCAGCTGTGCATCAATGAACAGGAGGAGCTGGGACTTGTGGGCCAGGAGGGACCACTGTGAG  
 CAGCATCTGTGTCAGTGA

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001085508

**Insert Size:** 1419 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\\_001085508.2](#), [NP\\_001078977.1](#)  
RefSeq Size: 4787 bp  
RefSeq ORF: 1419 bp  
Locus ID: 242409  
UniProt ID: [B1AWJ5](#)  
Cytogenetics: 4 A5-B1  
Gene Summary: May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion (By similarity).[UniProtKB/Swiss-Prot Function]