

## Product datasheet for **MC201766**

### **Tmem184a (NM\_144914) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem184a (NM_144914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem184a
Synonyms:	Sdmg1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC026659 sequence for NM\_144914  
 GTGGGCCACTGGCCAGGTGAGGCCCTGTGTGCCTTCCCTAGCCTAGCGCAACCCTCCCGAGACCAGCCTT  
 GCCCAACCCGAAGCTTGGCCTCCACTGGGGGCCACATGACCCAGTGAATGACCAGCCAGGCTGCCCCAG  
 AGGAGGCTAGGCCTCAAAGGCCCGTCCAAAGAGCTTCTGTCTACAGAGATGAGGAATGCGTCAGGGTT  
 TCTGAAGACAGCCGGAGCCCCCTCGTGTACGCGACCTGGCTTCCACCCAGCCCCCTCCGGCAATGCC  
 ACAGTGGCAGCCGGGCCACAGATGGAGCGCTGGACAACGGCTCGCAGGGGGCCCCCAGCTCTTCTCA  
 CCAGCGCATTGGCCCGAGGCGTTTCAGGCGTGTGATGACTGCTCTGCTGCTAACCGCCACCAGAT  
 CTACTCCACCTACGTTCTATACCGCCCCGCGAGAGCAGCGCTTCGTATCCCGCTCCTGTTCATTGTG  
 CCCATCTACGCTTCGACTCCTGGCTCAGCCTCCTCCTTGGGGGCCATCCTTACTACGTCTACTTTCG  
 ACTCTGTGCGAGACTGCTACGAAGCATTGTGTCATCTACAGTTTCTGACCTTGTGCTTCCAATATCTGGG  
 GGGCGAGAGCGCCATCATGGCTGAGATCCGAGGCAAACCTATCAGGTCCAGCTGCTTCTATGGGACTGC  
 TGCCTCCGTGGTATGTCCTACTCCATCACGTTCTTACGCTTCTGCAAACAGGCCACACTCCAGTTCTGCA  
 TTGTGAAACCCGTTATGGCGCTGATCACCATCATCCTCCAGGCTTTTGACAAATACCACGATGGGGACTT  
 CAACATCCACAGCGGCTACCTGTACGTGACCCTCGTGTACAATGCCTCGGTGAGCCTGGCTCTCTACGCT  
 CTGTTCCCTTTCTACTTCTGCTACCAGGGACCTCCTGAGACCCTTCGAGCCGGTACTCAAGTTCTCACCA  
 TCAAAGCCATCATCTTCTCCTCTGCGAGGAATGCTGTTGGCCATCTTGGAGAGGTGTGGGGTCAT  
 CCCTGAGGTCCAGGCCGTGGACGGCACCAGGGTTGGGGCTGGTACCCTAGCCGCTGGCTACCAGAATTTT  
 CTCATCTGTGTTGAGATGCTGTTGCGCTCCCTCGCGCTGCGTTACGCCTTCCCAGCCAGGTGATTTCAG  
 AGAAGAAGAACTCACCAGTCCCAGCCAGCACCTATGCAAAGCATATCCAGTGGCTTAAAGGAGACCATCAG  
 CCCACAGGACATTGTCCAGGACGCCATTATAACTTCTCGCCAGCCTACCAGCAGTACACACAGCAGTCC  
 ACACATGAAGCTCCTGGGCTGGCCAGGGTGGGCACCCAGCACCAGTACCCACCCGGCCAGCCAGTGG  
 GCTCTGGAGGTGGTAAGAAGAGTCGCAACATAGAGAAACGCATGCTGATCCCTCAGAGGACCTGTAGGG  
 GCGCAGGGCGCGTGAACCTAGCTGGGGATCCAGCTTGCCTGGGTTTCTGGGGTGGTAAACAGGACCC  
 CACTACCAGCATCTTTCAGAGAGGCCAACCTTCCCGAGAGCCTCACAGGGCCTCTGTATTCCATGT  
 ACAGCCCAGAGTGAAGTACCTGGGCAAATTGGACCAACCAGAGGACCCAGTGAATGTCTTAATTATAG  
 CCTGCAGGTGAAGCTGTGGGTTGGCCATTCTTCCATGGACAGAAGAGACAGGTGGTTAGATCTTACGCT  
 GAGCAGCGACAGAGGGATGGCCAGGCAGGATGGGCCAGTCACTGAGTGTGGGGAGCCACATAGCCT  
 GGGCCTGGCTGTGGCTATCTTGGGTGAAGAAGATCCCTTGCCTTGCATTCTAACCTAGAAAAGTTGGCGA  
 GGCTCTCGCAGGGGCAGCCTAGCCTATTTAGCACACAGAGTTGCCAGTGGCCAGCCTACCAGCAACTA  
 TCTGCTTATTTATAGATAAACACCTTGCATTTTCTAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_144914

**Insert Size:** 1278 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: [BC026659](#), [AAH26659](#)

RefSeq Size: 2027 bp

RefSeq ORF: 1278 bp

Locus ID: 231832

UniProt ID: [Q3UFJ6](#)

Cytogenetics: 5 G2

**Gene Summary:** Acts as a heparin receptor in vascular cells (By similarity). May be involved in vesicle transport in exocrine cells and Sertoli cells (PubMed:18321981, PubMed:19097053).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, compared to isoform 1.