

## Product datasheet for **MG219844**

### **Tmprss11b (NM\_177024) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmprss11b (NM\_177024) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Tmprss11b  
**Synonyms:** 9930019B18Rik; Tmprss11bnl  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG219844 representing NM\_177024  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTACAGACCAGTCATAGCATCCCGCAAATCTATCCCACCATGGCTAATCATCCTCTGTGTGCTTGGAG  
 TGCTGGCAGCCCTGGGATAATTATTGGACTCTTAGTTCACCTTTCTGGCAGTAGAAAACAAGATCTACTA  
 CTATCAAGGTGGTTTTAAAGTGTGGATATTCCATATGACAGAAATTATGAAAGGGAGACATCACTAGAA  
 AGTAACTACCTCAGTAAAATCCTTGAGAATAAAAATGGTTGAAGCCTTTCAGAATTCTAACATTTACAAC  
 AATATATCAACTCTCAGGTCATCACATTGGTTCCTGATAACAACAGCGTGACAGCACATATATGGCTGGT  
 GTTTAAGGATCCCTGGTCTAACAAGGAAAACCTAAGAAGGAGAATTGAAAGCATCTTACGTGAGATGCTG  
 GAGAACAACCCAGAATCCCTGACTACAGATCCTGGGTCTCTGAAGCTCACGGAATCAGTAAAGTTGATG  
 CTGAGAAGATTATCAACAACCGCTGTGGGAGAAGACCAAGAATGTCTGCAACCTACGACAGAATCACGGG  
 AGGTTCCACTGCTCACAAGGAGAGTGGCCATGGCAAGCGAGTCTCAGAGTGAATGGTAAACACTACTGT  
 GGGCATCTCTGATTGGCGAAAGATTTCTGCTCACAGCAGCTCATTGCTTCAAGGGACAATAATCCAA  
 AAACTTAACTGTCAGCTTTGGCACTAGAGTAACTCCAGCCTACATGCAGCATTCTGTTCAGAGATTAT  
 TATTCATAAGATTATGTGAAGGGGAACATCATGATGACGTTGCAGTTATAAAGCTCAGTAAAAAGTT  
 TCATTCAATAATGATGTGCATCGGTTTGTCTTCCGGAATCCACCAGATTTTTCCACCAGTGAAGGAG  
 TCGTTGTTACAGGATGGGATCATTTTCTTACAATGGTAAATCCCACTGTTACTTCAGAAAGCATCCAT  
 TAAAAATCATTGACACAAATACTTGAATTCAGAAGAAGCTTATGGAGGCAGGATAGTGGACACAATGCTC  
 TGTGCTGGCTACTTGAAGGCAGTATCGATGCTTGCCAGGGTACTCTGGAGGACCACTAGTTTCATCCCA  
 ATTCTCGAGATATTTGTTACCTTGTGGGATAGTGAGCTGGGGCATGAATGTGGCAGAGTCAACAAGCC  
 AGGGTCTATATGAGAGTAACTTCTACCCTAAGTGGATTGCCTCAAGACTGGTATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG219844 representing NM\_177024  
Red=Cloning site Green=Tags(s)

MYRPVIASRKSIPPWLIILCVLGVLAALGIIIGLLVHFLAVENKIYYYQGGFKVLDIPYDRNYERETSLE  
 SNYLSKILENKMVEAFQNSNIYKQYINSQVITLVPDNNSVTAHIWLVKDPWSNKENLRRRIESILRQML  
 ENNPESLTTDPGSLKLTEISKVDAEKIINNRCGRPRMSATYDRITGGSTAHKGEWPWQASLRVNGKHYC  
 GASLIGERFLLTAAHCFQGTNNPKNLTVSFGTRVTPAYMQHSVQEIIIHEDYVKGEHDDVAVIKLTEKY  
 SFNNDVHRVCLPESTQIFPPGEGVVVTGWGSFSYNGKSPLLLQKASIKIIDTNTCNSEEAYGGRIVDTML  
 CAGYLEGSIDACQGDSSGGLVHPNSRDIWYLVGIVSWGHECGRVNKPgyYMRVTSYRNWIASKTGI

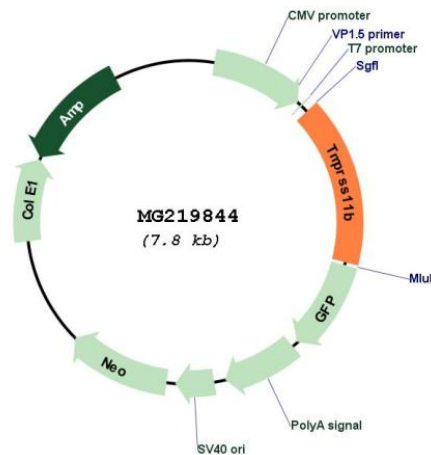
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_177024

<b>ORF Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_177024.4</a> , <a href="#">NP_795998.2</a>
<b>RefSeq Size:</b>	2216 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	319875
<b>UniProt ID:</b>	<a href="#">Q14C59</a>
<b>Cytogenetics:</b>	5 E1
<b>Gene Summary:</b>	Serine protease.[UniProtKB/Swiss-Prot Function]