

Product datasheet for **MC202695**

Tmem57 (NM_025382) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem57 (NM_025382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem57
Synonyms:	1110007C24Rik; 9230118A01Rik; AI317300; AI606104; C61
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC054769 sequence for NM_025382
 TGTCTGTGTGACCGGCCGAGGGGTAGGATTCAGGCCCGACGCGGGGCGGGCGGGCGACGGCGGCTGAGG
 TGAGAGGCGGGCGGGCGGGCGGGCTCGGGCACCAGCCCGCCAGCGGGGAGGATGAAGCGGCGGAACGCCG
 ACTGCAGTAAGCTCCGCCGCCCTGAAGCGGAACCGGATCACCAGGGTATCTACGGCAGTACATTTTT
 ATACCTGAAATTCCTGGTAGTGTGGCACTTGTCTCCTTGCCGACTTTGTCTGGAGTCCGATTTGAA
 TACCTGTGGCCGTTCTGGCTTTTCATCAGAAGCGTCTATGATTCCTTCAGATACCAAGGACTGGCCTTCT
 CAGTATTTTTTTGTTGTGTAGCATTCACTTCAAATATCATATGTCTCCTTCCATCCCATACAATGGCT
 TTTTTTCGCTGCTAGCACATATGTATGGGTCCAGTACGTATGGCACACAGAAAGGGGAGTGTGTTGCCT
 ACAGTGTCACTCTGGATCCTCTTTGTTTATATTGAAGCAGCAATTAGATTTAAAGATCTGAAAACTTTC
 ATGTAGACCTTTGTGACCGTTTGTGCTCACTGCATTGGATACCCTGTGGTGACTTTGGGCTTTGGCTT
 CAAAAGTTATGTGAGCTACAAAATGCGGTTAAGGAAGCAGAAGGAAGTTCAGAAGGAGAACGAGTTTTAC
 ATGCAGCTTCTCAGCAGGCCCTCCCTCCAGAGCAGCAAATGTTGCAGAAGCAGGAGAAGGAGGCTGAGG
 AAGCAGCAAGGGATTGCCGGACATGGATTCTCGATCCTTATACACCACAACGGAGGCATCCCAGCCAA
 CAAAAACTGTCCACAACGTTGCCAGAGATAGAATATCGAGAAAAAGGAAAGAGAAGGACAAGGATGCC
 AAGAAACACAACCTTGAATAAAATAACAACAACATTCTACAACCTGTAGACTCTAAGATACAAGAGATTG
 AGTATATGAAAAACCATATCAATAGTAAAAGATTAAACAATGATCTTGTGGGAAGTACAGAAAACTCTT
 AAAAGAGGACTCATGCACTGCTTCTCAAAAAATTACAAAAATGCCAGTGGAGTTGTGAACCTCTCGCCT
 CGAAGTCACAGCGCTACAAATGGAAGCATTCTTCTCTCGTCTAGTAAAAACGAGAAGAAGCAGAAGTGCA
 CCAGCAAGGGCCCGAGTGCACACAAGGACTTAATGGAGAAGTGTATTCTTAAACAACAGCTGAGCAAACC
 AGACGCGCTGGTAAGGCTGGAACAAGACATTAAGGCTAAAGGCTGACCTGCAAGCCAGCCGGCAAGTG
 GAGCAAGAGCTGCGCAGTCAGATCAGCGCCCTCTCAAGCACAGAGCGAGGCATCCGCTCAGAAATGGGCC
 AGCTCCGGCAGGAGAACGAGCTGCTGCAGAACAAGTTACACAATGCCGTGCAAATGAAGCAAAAAGACAA
 GCAGAATATCAGCCAGCTAGAGAAGAAGCTAAAGGCTGAGCAGGAAGCCGAAAGCTTTGTAGAAAAGCAG
 CTAATGGAGGAGAAAAAAGGAAGAAGTTAGAAGAAGCCACAGCTGCACGGGCTGTTGCCTTTGCTGCTG
 CATCTAGGGGAGAGTGCACGAAACCTTACGGAGTCGGATCAGAGAGCTAGAAGCTGAGGGCAAGAAGCT
 CACAATGGACATGAAAGTGAAGGAGGAGCAGATCAGGGAAGTGAAGTGAAGGTTGAGGAGCTTCGGAAG
 TACAAAGAAAACGAGAAGGACACCGAGGTATTGATGTCAGCCCTCTCCGCCATGCAAGACAAAACGCAAC
 ACCTAGAGAACAGTCTCAGCGCAGAGACGAGGATCAAGCTGGACCTTCTCTGCACTTGGTGATGCAAA
 GCGGCAGCTGGAGATTGCCAGGGGCAAATTTCTCAGAAAAGACCAGGAAATCAAGGACCTAAAACAGAAA
 ATAGCTGAAGTCATGGCTGTCATGCCAGCATAACATACAGTGTGCCACCAGTCCCCTGAGCCCCGTGT
 CCCCCACTACTTCCAAAGTTTGTGGAGACCAGCCCTCTGGACTTGACCTAATGCCTCTGTCTACCA
 GCCCTTGAAGAAGTGAAGGCCAACTGTGTGCTCGCCCAACATTTGCAACCAGGAGCTTCGAAAAGCAGC
 GTCTCTGGCAGTCAAGATAAAAAAGTTGATATTGTGTTTTGTGGGACTGTATATGTTGCTATTTTTAAAG
 GGGGAAATAACATCCAAGTCTGATTAGAACCGCCCATCAGTTGTTCTTGGAAAGTTTTAGAAAGACCTCA
 CGGACTTTGCAGTTTATTTTTCTTGCCAACACATTAACCATTCTGGATTTCAAAAAAAAAAAAAAAA AAA

Restriction Sites: Ascl-NotI

ACCN: NM_025382

Insert Size: 1995 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: [BC054769](#), [AAH54769](#)

RefSeq Size: 2383 bp

RefSeq ORF: 1995 bp

Locus ID: 66146

UniProt ID: [Q7TQE6](#)

Cytogenetics: 4 67.11 cM

Gene Summary: Plays a role in the regulation of neuronal activity.[UniProtKB/Swiss-Prot Function]