

Product datasheet for **MC204237**

Tmem41b (NM_153525) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem41b (NM_153525) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem41b
Synonyms:	1500015G02Rik; 1500031M19Rik; AU018901; D7Ert70e; D7Ert743e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC027103
 CAAGTTTTCGAGGTCGTCTCAGGTGAGGTGGTCGTGCCGGAAGTAGTTGTGCCTCGCGCCTGGGTGTTGA
 AAGAAAGCTGCGGGAGGAGCTTTAGTCATTCAAGGGGGCGCGCACCAAGTAGGAGCTCTTCGCGGCCCCC
 GCAGCAGCCATGGCGAAAGGCAGAGTGGCTGATCGATCGCCACCGAAATGTTGCACTCGACCCAGCCG
 GGGACCGGCAGTGAGGACCCAGGGTCCGCGCGCCTGGCAGCAAAGATCATCTGAACGAAAAGCCTTG
 TGCAGAAGCTGGATCAGCAAGAACATCACTCCTTATACTGGTGCCATTTTTTTCATGTGCAGCTTTTGT
 ATGTTTTTGGTATATAAAAAATTTTCTCAGCTTAGTGAGGAAGAGAGGGTGAATATGAAGTTCCGAGAG
 ATATGGATGACGCCAAGGCTCTAGGAAAAGTTCTCTCAAATATAAGGATACCTTTTATGTACAAGTATT
 GGTGCTTATTTTGTACATATATTTTTTGTCAAACATTTGCTATCCCAGGTTCCATATTCTCAGTATA
 CTCTCCGGGTTCTTTATCCCTTCCCACTTGCCTTATTCTTGTGTTGTTGTGCTCCGGACTTGGTGCT
 CATTCTGCTACATGCTCTCCTACTTAGTTGGAAGACCCGTTGTATACAAATACCTAACAGAGAAGGCAGT
 GAAATGGTCACAGCAGGTAGAGCGTCACAGAGAACATCTTATTAACATATTATTTTTGAGGATCACA
 CCGTTTCTTCTAATTGGTTTATTAATATTACATCTCCTGTGATAAATGTACCATTGAAAGTGTTTTTTA
 TTGGCACTTTTCTAGGTGTGCACCTCCTTCTTTGTAGCAATCAAGGCAGGAACAACCTGCATCAGCT
 TACAACAGCAGGGGAAGCTGTTTCTGGAGCTCGGTATTTATTCTGATGGTTTTGGCCCTCTTTCTATC
 CTGCCAGCCATCTTCAAACAACTAAAGCAGAAGTTTGAGTGAAAAGACATGGCTTTTCTTTACCAC
 CGCCATCACTCCTGCCACCACCACTGTCATCTCAGGATTAGCAGGTGATTTCATGTTACGTTTGGACATC
 ACCTCTTCAGTCACTGAAAGAAGGACTTGTAAAGTAAATAGCCCATGAGAGAGAATGCACATATGGGAG
 AACAGAAGTTGGGGCCCTATGAGAAGTGCTGTCACCTGCACCTGACCTGTGAGAGTCACTGTTCCAGGGT
 TAGCTCTGAGACATCACTCATTGTCTTGGTTTGGAAATCTTACTCTAAATGATTCATTTGAAGTGTTTTC
 CTCTTACATCTGACTAATGACTAAAATCGTGAACCTCAGGTACAGTGGAACATACTTAAACTCCAGCTGC
 CCGGGAGGCTAAGGCTAGCTGTGAAAGTCACAAGACACCCTGTATTAAGTAAAAAAGGAACAGTGAAG
 ATAAAAATAAAAAATAAAAAATTCAGAGCACAAACCAATACTTGAAGCAAAAAATGAGTTTTTCTTTTCT
 CTTTTTCAGACAGCACTTCCATAGGCCAGTGATGTAGCAATGATGGGTTATTTAAGTTTTCTTGAAAA
 TTTGTATCATGGATTAGTCCAATAATTTGAATCTGGCCAGTCTGTTTTATCCTTTTTCTAGTTTTG
 CAGTATTTCCACCATACATATAGAAAAGGAGAATTATATCTGTATCATATTGGTGTGATAATGTATA
 TTAAGATAATGATATTTTGTACAGTGTCTTTATATCTCAAAGGGGTTCTAAAGTAAATACTCAAAGC
 ATATACTTTTTAGACATTATTTTATACTGAAACAACCTGACAGTAGGTAGGACATTACTGATTAATCTAG
 TTTATTTGTTCCAATGACTGTAAAATTTGCCTCATAGATTGTCTGGTCATTAAAGAATGTATTGAATTA
 CCTTTCATGCATGATACATCTGCGATTGCTCTGTTGCCTTTCCTCTGATGACCTCCTTGGGCAGCACTT
 GATTGGTACACTTTGCCAACTGTAAGCTTCTACTTTCTACCTTGACATGGTGACTGGTGTCTCCATT
 TCTTGGAGCCTCCCTTTGGCTGCTTTTGTCCCTGCCAGGACAGACCCATGTAAGCACTAAGATCTCCG
 TTGGTATGTTGAACACTTGCTTTAGTGGAGTGGGAGTCCTTGTGTCTTCAAAGTCTGATCATCTCAAAGC
 CTGTTTCTCTGCAAAGTGTGGACTAATCCTTCTCTGTGCGAGTATTAATGTTACAAATACAAGGAAGAT
 AATACTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_153525

Insert Size: 876 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: [BC027103](#), [AAH27103](#)

RefSeq Size: 2332 bp

RefSeq ORF: 876 bp

Locus ID: 233724

UniProt ID: [Q8K1A5](#)

Cytogenetics: 7 57.69 cM

Gene Summary: Required for normal motor neuron development. Required for autophagosome formation. [UniProtKB/Swiss-Prot Function]