

Product datasheet for **MC202605**

Tmem135 (NM_028343) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem135 (NM_028343) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem135
Synonyms:	2810439K08Rik; AW319712; PMP52
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050931 sequence for NM_028343
 ACCCCGCACGCCGAGGCCGCGCGGCCGCCGCTCGCCCTTGCGTGTCTGCCGCCCTGCCGAACCTGCG
 GTTCCCCTGACCACGCGCAGCTGCCACCGCCACTCGTCATGGCGGCCCTCAGCAAGTCCATCCCTCATAA
 CTGCTACGAGATCGGCCACACTTGGCACCCCTCCTGCAGGGTCTCCTTCTGCAGATCACTTGGGGCGCC
 CTGGAGGAGTCCCTCAGGATCTACGCACCCTGTACCTGATTGCAGCTGTTCTCCGGAAGCGCAAGCTGG
 AGTATTACCTGTACAACTGCTTCTGAGATCTCCAGTCCGCTCCTTCTGACTGCTAATGGGGCCTT
 GTACATTTCTTCTGCAATTTAAGGAAGATCCTTGGAAAATCTACTCATGGACTCCTGGCTTTGGT
 GCTGCTCGCCAGCCTCATATGTGGCATTCTAATTGAAAGAAAAAGCAGGAGAGGGCTGCTCACAAATTT
 ATATGGCCAACCTTGGCCACAGAAACACTATTTAGAATGGGTGTTGCAAGGGAACCATCACGACGTTAAG
 AAATGGAGAAGTCTTTTGTCTGCATCACAGCGGCCATGTACATGTTCTTTTTCAGGTGCAAAAGATGGC
 TTTAAAAGGCTTTACATTTTCTGCACTTAGGTTTATCGTGGGGAAGGAAGAAATCCCACGCACTTTACT
 CACCAGAGACAGCGTATGCCAAAGTGAACAGAAAGAGGGAGAAGCACAAGGGAACGCCGAGAGCAATGAG
 CATAATCGCTCTGGTTCGGACTCTCGTGGACTCCGTATGCAAGCATGGACCAAGGCACAGATGCTGCAAG
 CATTATGAAGACAACCTGCATTTCTACTGCATTAAGGCTTCATCAGAATGTTACAGCGTGGGCTACTTGA
 TCCAGTGTGCTCCGGATCCCCTCTGCGTTTAGGCATCTGTTTACAGAACCATCCCGGCTCCTCTCTCT
 TTTCTACAACAAGGAGAACTTCCAGCTGGGGGCTTTCCTTGGATCTTTTGTAGTATATACAAGGGCACA
 AGTTGTTTCTGCGCTGGATCAGGAATCTGGATGACGAGCTGCATGCTATTGTGGCTGGGTTTTTGGCAG
 GTGTGTCGATGATGTTTTATAAAGCACAAACAATTTCCATGTACCTAGCTTCCAAGCTGGTGGAGACAAT
 GTATTTCAAGGGCATCGAGGCTGGAAAGTTCCCTATTTTCTCAAGCAGATACGATCATCTATTCCATC
 TCTACAGCAATTTGTTTCCACGCAGCTGTTATGGAAGTTCAGAACTTGGCACCATCTTACTGGAAGTTCC
 TTTTAAGGCTCACCAAGGGCAGGTTTGCCTCATGAACCGAAAAGCCCTGGATGTGTTTGGTACTGGCGC
 ATCTAGAGAGTTTCACAACTTCATCCCCAGACTAGACCCACGGTACACAGTTGTACACCCGGAGCTGCC
 ATAGACTTTTCTGAAGATGACTGTAACCTATTGACTGTGTCTCACCATTTTCTCCTGAAGAGTTAATTA
 TGTTCAACACAGAAAGGGGCCAAGCTGAACCTCAGTGTTACGTC AACGAGAGATGCTTTTTCTTTCTTTT
 CATACCAATCAGAAATACAGAAGCTTTTTAGAAAGGCGTTGCTTAATAAATTAAGCTTCTCTGTAGCCAG
 AATCTCATTCTGGATCATGTAGTGTGACATTATGATATATTGTTGATTAATTAATGTCCACAAAGAATA
 TTGAATAATCTATGTAGAAATATAATAAGAAGAGTATACTTAAAAATTACTTTAAAAGATATCTTTAGTT
 CATTCCAATAGAATTCTTGGTCAAACTAAGAATATTTCTTCACTTTAGGATTTGCAAAGGATCTCGGGT
 ACATGGATTACAGCCGATCTTACGCTTTTGAATGGATTTCTGTAGCTGTGGGCGTTGGAGATGGGG
 CATTGCTGCTTTGCTGTGGAGCAATGTGGAGAAAGTGGCCATTCTATTTACAGGGATACAAACGTGGGT
 TCATACCAATTTGAGCCAGTGTCTGGTGGTACCCATACTTTTTGTTTCAAGCTCTCAGTCTCTCTCTCT
 CGAGACCAGATGGGCTGGTTGGCAGCCTAGTGACCTTATATGATAATAGCAGTTAGGAACAAATGGAAA
 CCGACAGGTGCTGCTGTAAAAATGTCTCAGTGTTCACAGGAGTGTACACTTGAATATTGTCAAGCAGA
 CAACCTAAAAGCCAATCTTACACCTCCTATAGGCAGATTGTGTTATTTTACCACAGTGGCTGTGCTC
 TTTATAGCTCAGTTTCAATGTCATTTGGTGTTTAGAAAGGGTTAAGATCCTATGGAACAAAAGAGCTTTG
 GGCCAGTTTGACAGTTGGTACCCCTCTAATGCCTCACCTAAATGGGGCGTTTTATGACGAAAAATGTGA
 AAATGCAGTGATTGTTGGGAGTTCCTCTCTCACTAATTGGCTTCTGTTTCAATACCAGTTCTGGCTGGA
 GTTAAGGGACACCAGATGGTGGTGTGATTATAGAAGCAGTCTGGACAGCTGACTGAGATATGATCAC
 TTGGCTTTTCTGGGAAAGTTGACTTTTCTAAGTTAATATAGAAGTCTAAAGTGGCTGTGATGTCTACA
 GTTAATGTAATATATAGGAATTATCTTTAAATATAAATTTTGTGCTAAAAATGTTTCAGGCCATTGTA
 AGTTATGCAAGTAACTTGTGTTATGACAGGAATTGTAACCTCAAGACATTAATAACTTAACTTAACTCCCTT
 AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_028343
Insert Size: 1377 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:	<ol style="list-style-type: none">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:	BC050931 , AAH50931
RefSeq Size:	2820 bp
RefSeq ORF:	1377 bp
Locus ID:	72759
UniProt ID:	Q9CYV5
Cytogenetics:	7 D3
Gene Summary:	<p>Involved in mitochondrial metabolism by regulating the balance between mitochondrial fusion and fission (PubMed:27863209). May act as a regulator of mitochondrial fission that promotes DNM1L-dependent fission through activation of DNM1L (PubMed:27863209). May be involved in peroxisome organization (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>