

Product datasheet for **MC201606**

Tmem43 (NM_028766) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem43 (NM_028766) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem43
Synonyms:	1200015A22Rik; LUMA
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024933 sequence for NM_028766
 CTGGATTCCACGAGAAGTCTTGCAGCTCTGTGGCAGACAGGAGGTCAACGCATTCTGCGTCCGGTTCGTC
 AGCCCAATTCCTAGCGGAACAGAGCAAGACGGCGGCAGCGAACAGGCCACCATGGCAGCGAACTATTC
 CAGTACCAGCAGCAGGAAAGAACATGTCAAAGTGACTTCTGAGCCCCAGCCAGGCTTCTGGAGCGGCTG
 AGTGAGACTTCGGGCGGGATGTTCTGTGGGGCTAATGACCTTCTACTCTCCTTCTACTTAATTTTCACCA
 ACGAGGGCCGAGCACTGAAGACAGCCACATCGCTTGCAGAGGGGTGTCACTCGTGGTGTCCCCTGACAG
 CATCCATAGTGTAGCTCCGGGAGAATGAAGGAAGACTGGTACACATAATCGGGGCCCTGCGGACTTCCAAG
 CTCTTGTCTGACCCAAATTATGGGGTCCATCTACCAGCTGTGAAACTGCGACGGCATGTGGAGATGTACC
 AGTGGGTGGAGACAGAAGAGTCCAGTGAGTACACGGAGGACGGACAGGTGAAGAAGGAGACAAAAGTACTC
 CTAACAACAGAGTGGAGGTGAGAAATTGTCAACAGCAGAAACTTTGACCGAGAGATTGGCCACAAAAAC
 CCCAGTGCCATGGCAGTGGAGTCTTTCACAGCGACCGCCCCCTTTGTCCAGATTGGCAGGTTTTTCTCT
 CAGCAGGCCTCATTGACAAGATTGACAACCTCAAGGCCCTGAGCCTGGCCAAGCTGGAGGACCCCATGT
 GGACATCATTGCGCGGAGACTTTTTCTACCACAGTAAAACCTAAATACCCGGAGGTTGGTGATGTG
 CGAGTCTCCTTTTCTATGCGGGACTGAGCAGCGATGACCCTGACCTGGGCCCGGCTCACGTGGTACTG
 TGATTGCCGGCAACGAGGTGACCAACTAATCCCATATTCACCAAGTCCGGGGACACCTTGTGTCTCT
 GCACCATGGGGACTTCTAGCTGAGGAGGTGTTTCGTAGAGAACAGAAGCAATTCATGAAGACATGG
 GGCTGCGGGCGGCTGGATGGATGGCCATGTTTATGGGCCTCAACCTCATGACACGGATCCTCTACACCC
 TAGTGGACTGGTTTCTGTCTTCCGAGACCTTGTCAACATTGGCCTGAAAGCCTTTGCCTTCTGTGTGGC
 CACTTCCCTGACCCTGTTGACTGTGGCTGCTGGCTGGCTCTTCTACCGACCGCTGTGGGCTGCTCTAATC
 GGCTGCCTGGCTGTGGTGCCTATATCATTGCACGGACCCGGGTGCCAGCCAAAAAGCTGGAGTGAAGCC
 TGAGAGGCCAGATTCCCTGTACCTCTGCCAGCTCAGCTGGATCAGGCATCTACACACCCATTCTTCA
 AGGGCCAGTGTCCACACCTGCATGTAGGGATTGGTGTCTGCTTAATGCCTTCCCCTCATTGTGGAAC
 TTCCACCCAGCTGTGAGTGCCTGCGGGTGAAGGGCTCAGCCTTCTACCCATCCCTCATTGTGGAAC
 CAAGTGCCCAAGACTACCAACAACATAAGCTACAACCTGCAACCTAAGAAAACAGAAATCACCTCTACTGC
 GGGGCCACACCACATCAGTAGGACACCCATACCCAGGCTTGGAGGAGTGCACGCCACACCAAGCCTCTG
 GGTAGAATCTGATGTGGCCTGAAGAAACCTGAAGGTCACTGTCACTGTGGCGGGACAGAGTGCTTCGGT
 ATAAGCCCGCAGGCTTCTGGTCTTGGTCTATTACGCCACTTCTCCGGTCTTTCTATCCCAAGGAGAG
 TGTGACTGGGTCACTCGACAGTTGCTGTTACTGAAATGAACTCTGCAGGAATGGTGTTCAGCGGGTG
 CGGCTTGACTGGTTGAGTTCGAGGCAAGGGGAAGCTTTAGCTTTGCTCTGCTTTTGAACAGTGTT
 GGGGATTCCCTGCTGCTGGTGGGACTGTGGAGGGGCATCCTCTTATCCCTGCTATCACAGAT
 GATCTGTTCACTTGAAGTGATTTTTATCTTGTAGTCACTGTTACAAGAAAAGGCTGGAAGCATTCTAC
 TAAGCGAGGCCCTTACAGTGACCTCCAGGCAACTGAAGTCAAGAATCAGGACTCGGGCTTCTGTCAGGA
 GGCCACGCTTGGCCTTTTTCTGTGGGACACTTCTGACCTTGCACCTCCGGCCTCAAGCAGTTGCTGCAG
 AGTGGTCTTTTTGCATTTAATGCCATCACTATCCTCATCCCAATAAAATCCATTCACTAGTGGAC
 ATCATTCTAAGTTTCTTGCTATTGTTACACCTTTGAACGGATGCTTTAGCTCTGATGTGCTCACAGA
 GCCTTGGTTTATCCTGTACCTGTCAATTTCTGTTGCAACTGGTTGCTGTAGCAACAAGAGTGTGGTAG
 CTGACAAGGTGTCAGGATCCCTGACCCTAGCGATGCTTAACAGTCTTCCCATGCTCTATGGTATCTGTG
 CTTTTGGCTGGTAAAAGTACAGCCAGAGACGGCTTACTGGGTTTGAATGGAACAACATTCACTACTG
 TTCAGTGCATGCTGGTACAATCTCTAGAACTCCTAAGATGGTTTGGAAAAATACAGTGAATTAAGTGA
 TGGCTAAATACACAGTGCTTGGGATTCAGTCTGTGTAACATTTTCTTCTGTGTTTTTACCAGCCAGCTC
 AAAAGTTCAGAGCAAATTATGGAAGAACAATTTGATGTTTTTGGAAAACCATGAGGTTTTCTTTGATTAA
 AATTTGAAATAAATTTCTACTTATCTTTGGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_028766
Insert Size: 1203 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:	BC024933 , AAH24933
RefSeq Size:	2851 bp
RefSeq ORF:	1203 bp
Locus ID:	74122
UniProt ID:	Q9DBS1
Cytogenetics:	6 D1
Gene Summary:	May have an important role in maintaining nuclear envelope structure by organizing protein complexes at the inner nuclear membrane. Required for retaining emerin at the inner nuclear membrane.[UniProtKB/Swiss-Prot Function]