

Product datasheet for **MC200767**

Tmem33 (BC005562) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem33 (BC005562) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem33
Synonyms:	1110006G02Rik; 1600019D15Rik; 2410089A21Rik; 2700052H22Rik; 5430406L04Rik; AA388285; AI314185; AI426615; db83
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC005562</p> <pre> GTCTTTTAGAAAAGGCAGCTTTGGTCTGGACCGAGCGGGGCGAGCGTCCCGGGCTCCCGAGTGTCTCCCAT GGCGGATACGACCCCGAACCGCCCCAAGGGGCGGGCGCTGTGCAATTCATGATGACCAATAAATTGGAC ACAGCAATGTGGCTTTCTCGCCTGTTACAGTTTATTGCTCCGCTCTGTTCTGTTCTGCCTCTTCTGGGT TGCATGAAGCAGCGAGCTTTTACCAGCGTGCTTTGCTGGCCAATGCTGACCAGCGCTCTGAGGCTGCA TCAGAGATTACCTCACTTCCAGTTGAGCAGAGCGTTCCTGGCTCAGGCCTTGTTAGAGGACAGCTGCCAC TACCTGCTGTATTCACTCATCTTCGTCAACTCCTACCCTGTCACAATGAGTATTTTTCCAGTCTTGTAT TTTTTTGCTCCATGCTGCCACATACACTAAGAAGGTCCTGGACGCAAAGGGTTCAAATAGTTTACCTCT GTTGAGATCATTCTGGATAAATTAAGTACTAACCAACAAAATATTCTGAAATTCATCGCTTGAATGAA ATATTCTGATGCCTGCTACAGTTTTTATGCTCTTATGTTAGTGGCCAAGGAAGTTTGTCCAGCCTTTATAT ATTATAGATTTCTACTCTTCGATATTCCTCTAGAAGAAATCCATATTGTCGGAAGTTGTTAATGAACT GAGGATTGTGGTTGAACACATTATTATGAAGCCCTCCTGCCACTGTTTGTGAGAAGACTATGTCTCCAG AGCATCGCCTTTATCAGCAGACTGGCACCAACAGTTGCGTAGTTAACATCTAGTTAAGCTGTGTTTAGA AGATTAGCATTATTAGCTGGTAATTCTGATAGGGTCCCAAATTACAGGTCTAACACTGACCTCAGTCCA ATTTACATGATTTACATAAATGCATCTCAGTGCAAAAATAATAATTTTCCGGCATGTTAAATCAAGCCT TTAACACTTTCTGAGAAAATTTACTGTACATTACTGTTTGTGGTTATGTAAGTTTGTATTTAGTGATAA ATGTTACTAAATGTTTTAGATGCTGCTGTGCCTACATCATGAAATACATTTATTTCTTTAAAAA AAAAAA </pre>
Restriction Sites:	RsrII-NotI
ACCN:	BC005562
Insert Size:	744 bp



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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:	BC005562 , AAH05562
RefSeq Size:	1126 bp
RefSeq ORF:	744 bp
Locus ID:	67878
Cytogenetics:	5 C3.1
Gene Summary:	Acts as a regulator of the tubular endoplasmic reticulum (ER) network. Suppresses the RTN3/4-induced formation of the ER tubules. Positively regulates PERK-mediated and IRE1-mediated unfolded protein response signaling.[UniProtKB/Swiss-Prot Function]