

Product datasheet for **MC203325**

Tmem14a (NM_029398) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem14a (NM_029398) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem14a
Synonyms:	5730496E24Rik; C85783; PTD011
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060034

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CGACTTCACTTCCCAGGGTCTTGGCCTCTGCTGGCCCAGAGCTGCACCCCACTCCCAGGCCGAGGACAGT
AGAAGAACTTGGGATCCAGGACTCTACAACGCACGAACCAGCTCCAGAGAGGACTCAGCTCTGTGCACTC
TGCTCTCTAAGGCGGGTCGCAGCTAGGCAGTGC GCCTGCGCAGAACTGCTTCCGGATTGAGGGACTACTC
TTGCGCTTTTTCCGCTTTCACCACTGTCAGCAAGTGCTCAAGGGTGCAGACTTGATCCTTACCAATGGA
CCTGATTGGTTTTGGTTATGCAGCCCTTGTGACAATTGGGAGTGTGTTGGGATATAAGCGAAGAGGTGGA
GTTCCATCTCTGATTGCTGGGCTTCTGTTGGACTTTTGGCTGGCTACGGAGCCTACCGTGTCTCCAATG
ACAGACGGGATGTCAAAGTGTCTATTGTTTACAGCTTCTCTCTGGCCACCATAATGGGTGTGAGATTTAA
GAGGTCCAAGAAAGTAATGCCTGCTGGTCTAGTTGCAGGCTTAAGCCTCATGATGATCCTGAGACTTGTG
CTGCTGCTGCTGTAGCGTCTGGACAAGCTGAGAGCCAAATGCCAGCATGCTAAGTGCCTGGCACGGCAG
GTTCTGCTGATTGAAGTGGTCATTTTAAATACATGGGAAATGTCTTATATTGAAATGAAAATAATGCTACT
ATAATATTTAAAAATCATTGGCAATGTTTATTTACCCCAATGCCTTTTTATTTAATGCACAAATTTATT
TAGATGTTTCTGTTTGCTAATCCTGCTCTTAAATGCATTGTTACTGCTCATTCCCTTTGTCTCTTTATAT
CTGGAAATTGGGGACTTGCAATTTTCTGCTTTTGACAATTCCAAACACTATGAGTGAAATAAGTTAAATA
AGTTAACTGCATCCTGTGACACAATGGGATTCCTGTGCTGGGCCACAGGGAGTGTAAATGAATTATAAGT
CACTTTGTACTTAGGGGTTTTATTTGATTATTGGGGTGGGGCAGGTTTGCATAGAAGGAATTCATTTC
TCAGCACATCAGCATCCTGACACAATGCACTCAGTGTTGAAATAAAATGCATCTTAGTCTAAAAAAAAA AAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_029398
Insert Size:	300 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC060034 , AAH60034
RefSeq Size:	1134 bp
RefSeq ORF:	300 bp
Locus ID:	75712
UniProt ID:	P56983
Cytogenetics:	1 A4
Gene Summary:	Inhibits apoptosis via negative regulation of the mitochondrial outer membrane permeabilization involved in apoptotic signaling pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, compared to variant 1. The encoded protein (isoform 2) has a shorter and distinct C-terminus, compared to isoform 1. 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.