

Product datasheet for **MC203623**

Tube1 (NM_028006) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tube1 (NM_028006) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tube1
Synonyms:	2310061K05Rik; AI551343; Tube
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC062179
 CTCGAAAGCTAAGGCGGGAGTTTGGGCGGGAGTGCTCCTGCTGGTCTCCCGCGGAATGACCCAGTCGG
 TGGTCGTACAGGTCGGACAGTGCGGGAACCAGATCGGCTGCTGCTTCTGGGACCTGGCGCTGAGGGAGCA
 CGCAGCGGTCAACCAGAAAGGAATTTATGACGACGCTATAAGCAGCTTCTCAGGAATGTGGATACCAGA
 GCTGTTGGGGATGGTGGCAGTATTTCCAAAGGAAGAATATCTTCTCTAAAAGCACGGGCTGTTTTGATTG
 ACATGGAAGAAGGCGTAGTGAATGAAATCTCCAAGGCCACTGAGAGACGTGTTTGATAGCAAACAGCT
 CATCACTGATATCTCTGGCTCGGAAATTAATTGGGCTGTGGGTACAAAGTTTTTGGATGCTTTTACCGG
 GAACAGATTTTAGAGAACTGCGGAAGTCGGCAGAGCAGTGCATTGCTTACAGTGCTTCTTCATCATCC
 ACTCCATGGGCGGAGGAACAGGCTCTGGGCTTGGCACATTTCTGTAAAGTTCTTGAAGATGAATTC
 AGAAGTGTACCGTTTGTGACAGCGTTTATCCTTCCAGTGAAGACGATGTCATCACCTCGCCTTATAAC
 AGTATGCTGGCCATGAAGGAAGTGAATGAGCATGCAGACTGTGTGCTGCCATTGACAACCAATCTTTAT
 TTGACATCATTAGCAAAATTGATCTTGTGGTAAATTTCTGGAAAGTTGGGCTCAGCTGTGAAGCCTAAGAG
 TCTCATTACGTCGAACATGGGGCTGTTAAAAAGCACCACAAGAAGCCCTTCGACGCCATGAACAACATT
 GTGGCGAACCTGCTCCTCAGCCTGACAAGCTCTGCGAGGTTTGGGGCTCCCTCAATATGGACCTGAATG
 AGATCAGCATGAACTTGGTTCTTTCCCGAAGCTTCATTATCTCGTGTCAAGCCTGACACCTCTGTACAC
 GCTGGCCGATGTTAACATTCACCCCGAAGACTGGATCAGATGTTTTAGACGCCTTTAGTAAGGATCAC
 CAGCTCATCCAAGCAGACCCAGACATAGCCTCTACCTTGCTGTGCCCTCATCGTTAGAGGAAACGTAC
 AGATTTCCGATCTTCGAGAAATATTGAAAGATTAACCTGCTCTGCAGTTTGTCTCCTGGAATCAAGA
 AGGCTGGAAGACCAGCCTGTGTTCTGTACCGCCTGTGGGCCACTCGCATTCTCTGTTAGCTTTAGCAAA
 AACACGTGTGTGAAGCCTACCTTCATGGAGCTGAGAGAAAGGTTACAAAGGCTCTACAAGAAAAAGGCTC
 ACCTCCATCACTACCTGCAAGTTGATGGGATGGAGGAAAGCAGCTTTTACGGAAGCTGTGCTCTCTGTC
 AGCGCTCATACAGGAGTACAGTGACCTCGATGCCACAAAGAGCCTGCCTGTGCCAGATGTGCCAGGTTG
 AGTGTGGCCTTGTGAGGGGAGAAGCTGAGAAAGCAGTTGTTCTGTCTGCCCTTTCTGTGACGATTT
 TTTCTGATTCAGAAAGCCATGTTTTTACAGTATCAGGAAGTATTTTATCTAAAATGGTGGTTCTATT
 TTATTACAGTTTTTTATAGCGGTACATGGTATCACTTTAGGCAGTTTGCCAAAATTGAGATGAGAGAGAA
 CCCAACATGGTGTACACAAGTGAATCCAGTGTGGCTGACATGCAGGAGGGCCTGCGTTACGGCCAG
 CCTGGGCTACTCGTGCAACAAAAGCCGACGAGGGAAGGAGCAGTCGTCCTTGTCTTTATTTGTGTC
 TTTTGCAGACATCTTACAGTGTGAACGCTCAGGGAAGATGTACATATCTTGTATATTTACACTTT
 ATGCTGCTGCTCTATTTAAATGCTAGGGACGTAGGTCCTTGAATGGAGGAACATAATATATAATA
 TCTGGACTTTTACGGGTAGTTTTTGTCTTTGAGTAATAATATGTTTATGGTCCAAGAATCACAACCTG
 GCATCCAGTCCCTTTTTATAATAACGGTTTAAAAGCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028006

Insert Size: 1428 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>BC062179</u> , <u>AAH62179</u>
RefSeq Size:	2083 bp
RefSeq ORF:	1428 bp
Locus ID:	71924
UniProt ID:	<u>Q9D6T1</u>
Cytogenetics:	10 B1