

Product datasheet for MC203129

Tmed5 (NM_028876) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmed5 (NM_028876) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmed5
Synonyms: 3110020O18Rik; 4432412D15Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020076
 AGGCAGTGCTTCCACCTTCCAAGAGAGTGAGGCTCGCCGCTGCCTGAAGTCCCTCAGATCGGGATTTC
 AATCGGAGACACCAGTATCCCGCACCTCCCTACACGCGTCCAGGCAGAGATCGACAGGGATGGGCGGCAG
 GATGTGGCTGCCATTCCCGTGCTGCTCCTGTCCGCTCTGCCCGCAGCGTTGCTGCGCGGGCGGCCGGC
 TTCACACCCTCTTTGGACAGTGATTTTACCTTCACGCTGCCGGCCGGCCGGAAGGAGTGTTTCTACCAGC
 CCATGCCCTGAAGGCATCGTTGGAGATCGAATACCAAGTTTTAGATGGAGGAGAATTAGATATTGATTT
 CCACCTTACCTCTCCAGAGGGCAGAACCTTAGTTTTTGAACAAAGAAAATCAGATGGTGTTCATACTATA
 GAGACTGAAGATGGTGATTACATGTTCTGCTTTGATAACACATTCAGCACCATTCTGAGAAGGTAATTT
 TCTTTGAATTGATCCTGGATAATATGGGAGAAGAGTTCAAGGCCAAGAAGACTGGAAAAAGTATATTAC
 TAATACAGATGTCCTGGAGATGAAGCTAGAAGATATCCTGGAATCCATCAACAGCATCAAGTCCAGACTA
 AGCAAAAGTGGCCACATACAACTCTACTTAGAGCATTTGAAGCTCGAGATCGAAACATACAAGAAAGCA
 ACTTTGACAGAGTCAATTTCTGGTCTGTGGTTAACTTGATGATCATGGTGGTGGTGTGAGCTATTCAAGT
 TTATACGCTGAAAAGTCTATTTGAAGATAAGAGGAAAAGTAGAACTTAAACTCCAACACAGATTATTTA
 ACATTTGAAAAAAGAGGTAGAAAATTTCTAATACACTGTTACACAGTCAAGATATTAGTCATATTTCCCAT
 AACATTTTGTAGAAATGTATGTAAGTGTAAAGATAATGTAATAATTTATTATGAAAGGAAAAATCATTATGTCC
 AGATAACTTTTATTGACTTGTTTTATACTTAAGTATGAAACAAGATGTCATGTAATAATTTAGATTTAATTG
 AATGAAGCCATAAATACTATTTTCTAAAGTTAAAAATCTTTCCAGATATCATATATGAATTAATGAA
 TTAACAATGTTTATAAACATGCCACCAGTTTGTCTTTACCTAGAAATTTCTCTGTATATGTGGCAGGTAC
 AAGTTAAAGAAGTTTCCAATACCTTACATTAGAAATCATTGATGGCCGGCAGTGGTGGCCAGCCCTT
 TAATCCCAGCACTTGGGAGGCAGAGGCAGGTGGATTTCTGAGTTTCGAGGCCAGCCCTGGTCTACAAAGTGA
 GTTCCAGGACAGCCAGGGCTATACAGAGAAACCCTGTCTTGAAAAACAAAAATAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_028876
Insert Size: 690 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:	BC020076 , AAH20076
RefSeq Size:	1399 bp
RefSeq ORF:	690 bp
Locus ID:	73130
UniProt ID:	Q9CXE7
Cytogenetics:	5 F
Gene Summary:	<p>Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Required for the maintenance of the Golgi apparatus; involved in protein exchange between Golgi stacks during assembly. Probably not required for COPI-vesicle-mediated retrograde transport (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>