

Product datasheet for **RN200817**

Tmed3 (NM_001004249) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmed3 (NM_001004249) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmed3
Synonyms:	MGC94283
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200817 representing NM_001004249 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAACGAGGTTCCGCGCTTCATCCTCCAGATGCTGATGCTGCTGCTCTTGCTCCTGCTCC
GGGCCGAGCGACTGCGGGCGCTGAGCTCACCTTCGAGCTGCCGACAACGCCAAGCAGTGCTTCCACGA
AGAGGTGGAGCAGGGCGTGAAGTTCTCTCTGGATTACCAGTTATCACCGAGGCCACTACGATGTGGAC
TGCTATGTGGAAGACCCATGGCAATATCATCTACAGGGAGACAAGAAGCAGTATGACAGCTTCACAT
ACAAGACGGAGGTCAAGGGCGTTTACCGTTCTGCTTCAGTAACGAGTTCTCCACTTTCTCTCACAGAC
TGTCTACTTTGACTTCCAAGTGGGTGACGAGCCCCCATTCTCCAGACATGGGGAATAGGGTCACAGCT
CTCACTCAGATGGAGTCTGCCTGCGTAACGATTACGAGGCTCTGAAGACTGTGATCGACTCCCAGACAC
ATTATCGACTGCGGGAGGCTCAGGACCGAGCCGAGCTGAAGACCTTAATAGTCGAGTGTCTTACTGGTC
TGTAGGAGAGACTATTGCCCTGTTGTGGTCACTTCAGCCAGGTGCTACTGCTGAAAAGCTTCTTTACA
GAAAAACGACCCATTAACAGAGCTGTCCACTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001004249
Insert Size:	666 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:	<u>NM_001004249.1</u> , <u>NP_001004249.1</u>
RefSeq Size:	1347 bp
RefSeq ORF:	666 bp
Locus ID:	300888
UniProt ID:	<u>Q6AY25</u>
Cytogenetics:	8q31
Gene Summary:	Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network (By similarity).[UniProtKB/Swiss-Prot Function]