

Product datasheet for RN213216

Tmed10 (NM_053467) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmed10 (NM_053467) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmed10
Synonyms:	Tmp21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213216 representing NM_053467 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGGTTTGTCTGGCCCACTATCCTGGCCTGGCCCTCTCCTATCCGCCTTGCTTTTCTGTTCCCTC
TCGGCCCCAGCTCGTCTCGGCATCTCCTTCCATCTACCCGTGAACTCTCGCAAGTGTCTCCGCGAGGA
GATCCACAAGACTTGTGGTTACGGGCGGTACGAGATCACCGACCAGTCTGGGGCGCTGGCGGCCTG
CGCACCCACCTCAAGATCACAGATTCTGTGGCCATATTCTGTATGCCAAAGAGGATGCAACTAAAGGGA
AGTTTGCCTTTACCACAGAAGACTATGACATGTTTGAAGTATGCTTTGAGAGCAAGGGAACAGGGCGGAT
ACCTGACCAACTAGTGATTCTAGACATGAAGCATGGAGTAGAGGCGAAAAATTATGAAGAGATCGCAAAA
GTTGAGAACTCAAACCTGGAGTGGAGCTACGGCGCCTCGAGGACCTTTAGAGTCTATTGTTAACG
ACTTTGCCTACATGAAGAAGCGGGAAGAGGAGATGAGGGACACCAACGAGTCCACAAACACCCGCGTCT
GTACTTCAGCATCTTTCCATGTTCTGCCTCATTGGACTAGCCACCTGGCAGGTCTTCTACCTGCGTCGC
TTCTTCAAGGCCAAGAAGTTGATAGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053467
Insert Size:	660 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_053467.1</u> , <u>NP_445919.1</u>
RefSeq Size:	1314 bp
RefSeq ORF:	660 bp
Locus ID:	84599
UniProt ID:	<u>Q63584</u>
Cytogenetics:	6q31
Gene Summary:	membrane protein involved in vesicular protein trafficking; may be involved in vesicular transport from endoplasmic reticulum to the golgi [RGD, Feb 2006]