

Product datasheet for **RN203324**

Tmed1 (NM_001013432) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmed1 (NM_001013432) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmed1
Synonyms: Il1r1l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203324 representing NM_001013432
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGCGGCCGCGCGCCGTAGCACTGGCCCTGTGGCTACTCCTGCCAGCAGTAGGAGTGGGAGAGG
CGGGGCCCGCCCATCCAGGACGGCGAGTTCACGTTTCTGCTTCCGCCGGGAGGAAGCAGTGTCTTA
TCAGTCCGCACCGCCAATGCTAGTCTTGAGACCGAGTACCAGGTGATCGGAGGTGCTGGCTGGACGTG
GACTTCACCTTGGAGAGCCCTCAGGGTGTGCTGTTGGTCAGCGAGTCTCGAAAAGCTGATGGGGTGACA
CGGTGGAGCCTACTGAGGCCGAGACTACAGGCTGTGCTTTGATAACTCCTTCAGACCATCTCAGAGAA
GCTTGTGTTCTTTGAGCTCATCTTTGACAGCTTCCAAGATGAGGAGGAGGTAGAAGTTGGGCTGAGGCT
GTAGAGCCAGAGGAAATGCTTGTGTGAAAATGGAAGACATCAAGGAATCCATAGAGACCATGAGGACCC
GGCTGGAACGGAGCATCCAGATGCTCACTCTGCTCCGAGCCTTTGAGGCTCGTGATCGTAATCTTCAAGA
AGATAACCTCGAGCGGGTCAACTTCTGGTCAGCTGCCAATGTGGCTGTGCTGCTGCTGGTGGCCGCTCTG
CAGGTCTGCACACTGAAGCGCTTCTCCATGACAAGTGCCCTGTGCCACG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013432
Insert Size: 684 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_001013432.1</u> , <u>NP_001013450.1</u>
RefSeq Size:	1360 bp
RefSeq ORF:	684 bp
Locus ID:	315461
UniProt ID:	<u>Q5BK85</u>
Cytogenetics:	8q13
Gene Summary:	Potential role in vesicular protein trafficking, mainly in the early secretory pathway. May act as a cargo receptor at the luminal side for incorporation of secretory cargo molecules into transport vesicles and may be involved in vesicle coat formation at the cytoplasmic side. [UniProtKB/Swiss-Prot Function]