

Product datasheet for MC201954

Tmed4 (NM_134020) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmed4 (NM_134020) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmed4
Synonyms: 1110014L17Rik; AI326346
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023041 sequence for NM_134020
CGCAATGGCAGGTGTTGGGGTCGGACCGCTGCAGGGGATGGTGCGATTTGGGCTGCTGGTGCTTACTGTG
TGTGCTGCGTGTGCCCGTGGGCTCTATTTCCACATCGGCGAGACTGAGAAGCGCTGCTTCATCGAGGAAA
TACCCGACGAGACCATGGTCATCGGCAACTATCGAACTCAGATGTGGGACAAACAGAAAGAGGTGTTCCT
GCCGTCGACCCCGCCTGGGCATGCATGTAGAGGTGAAGGACCCGACGCAAGGTTGACTGTCCCGG
CAATACGGCTCCGAGGGCCGTTTACGTTACATCCCACACACCCGGTGACCATCAGATTTGCTTCACT
CCAACCTCACCAGAATGGCTCTCTTCGTTGAGGCAAACCTGCGTGTACACTTGGACATCCAGGTTGGAGA
GCATGCCAACAACTACCCCGAGATCGTGTCTAAGGATAAGTTAACAGAGCTCCAGCTTCGAGCTCGCCAG
TTGCTTGACCAGGTGGAACAGATCCAGAAGGAGCAGGATTATCAGAGGTATCGTGAAGAGCGCTCCGTC
TGACCAGTGAGAGCACCACAGAGGGTCTGTGGTGGTCCATCGCCAGACCGTTATCCTCATCCTCAC
TGGCATCTGGCAGATGCGTCACCTCAAGAGCTTCTTTGAGGCCAAGAAGCTGGTGTAGGGGTCTCGCCCT
ATAACCTTCCCTTTTACCTCAATTATTTGATAATTTCCACCCAGCCCTCATCCACCTGGAATTTGA
GGAGGAGAAATGAAAAACAGTGTGTCACACTGGCATCATGGCACTGGCGTCATGGCACTA
AGCCACTCAGACCAGCTACCTGTGACCCGTTTCTCAAGAAGCAGACGTTGGTCTAAGCCTTCAAGAGC
TGCCTTAGGGTTTGGGAGAAGTTGGAATTAACCAAGGTCAAGTCCTTTCTTTGGCTCCGAGATGACCA
AATGCACCTGTGCTTCTGTTTGTGTTGAGTAAGCAGCTGGCAGCCTGTGGAGGAGGAGGCCTT
GCCTCAACGTTTCTGGGTGAGTCCCGAGTTCTCCAATGGCTTTGTGAATGTAATAAGGGCAGTTGAG
GCCCTGAAGGAGTGAGATGTTTTCTATATTTAGAACTATTTTGGATAAATATATATTTCTTCTCT
GATTGAATCATCATCACTCCCTGTAACCTAGCGAAAACCACAGTCCAGACCTTATCCATTACTCATT
ACAGTTTTTAAAACTGCCATGCAGTGATTTTCGGCACTCTGGGGCCAGACAGCAGCTCCCTGTGAGACGGC
CAACAAGAGTTTCTGGAATGCTTGTGAGTCCGTTCCACAGGCTCACAGTGTGAGGAGAGTGGCAGA
TGCTCCAGTTTCACTTAAGCAGTGGTAAACGTTTGAAGTTTCGTTTTTGTGGAACCTCCGATGTAGAC
TAGCCTAGCCTCAGATCCTCCGTGAGTATGCCTACCAAATGTTGTGATTAAGAGGCAGGCGTCACCACA
CCTGATAAATATTTCTCAAGGAAACCAGAGTTTGGTCTTTATGCAAATTTTTCCCAATGAAATAAA
ACATAGTAACTGTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_134020
Insert Size:	684 bp
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>BC023041</u> , <u>AAH23041</u>
RefSeq Size:	1645 bp
RefSeq ORF:	684 bp
Locus ID:	103694
UniProt ID:	<u>Q8R1V4</u>
Cytogenetics:	11 A1
Gene Summary:	Involved in vesicular protein trafficking, mainly in the early secretory pathway. Involved in the maintenance of the Golgi apparatus. Appears to play a role in the biosynthesis of secreted cargo including processing. Involved in endoplasmic reticulum stress response. May play a role in the regulation of heat-shock response and apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]