

Product datasheet for **RN216434**

Tmod4 (NM_001270651) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmod4 (NM_001270651) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmod4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216434 representing NM_001270651
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCATCCTATCAGAAGGAAGTGGAGAAGTACAGAGACATAGATGAAGACGAGATCCTAAGGACCTTGA
GCCCTGAGGAGCTAGAACAGCTGGACTGTGAGCTACAAGAAATGGATCCTGAGAACATGCTGCTGCCAGC
TGGACTGAGACAACGTGACCAGACAAGAAGAGTCCAACAGGGCCACTAGACAGAGACGCCCTATTGCAG
TACCTGGAACAACAGGCGCTAGAAGTCAAAGAGCGTGACGACTTGGTGCCCTTCACTGGCGAGAAGAAGG
GAAAACCCCTTTATTCAGCCTAAGAGAGAAATCCAGCACAGGAACAGATCACACTGGAGCCTGAAGTGA
GGAAGCACTGTCCATGCCACAGATGCTGAAATGTGTGACATTGCAGCGATCCTGGGCATGTACACACTG
ATGAGCAACAAGCAATACTATGATGCTATCTGCAGCGAGAGATCTGCAACACCGAAGGCATTAGCAGTG
TAGTGCAGCCTGACAAGTATAAGCCAGTACCAGATGAACCCCAACCCCAACATTGAGGAGATGCT
AAAGAGGGTGGGAGCAATGACAAGAGCTGGAGGAGTGAACCTCAATAACATCCAGGACATCCCGATA
CCCGTGTAAAGCGACTTGTGTGAAGCAATGAAGACTAATACCTATGTCGGGAGCTTCAGTCTGGTGGCCA
CAAAGAGTGGTGACCCCATCGCCAATGCGGTGGCTGACATGTTGCGTGAGAACCAGCAGTCTCCTGAGCCT
GAACATCGAATCCAATTCATCAGCAGCACAGGGCTCATGGCTGTGCTGAAGGCAGTTCCGAGAAAACGCT
ACTTCACTGAGCTCCGAGTAGATAACAGCGCCAGTGGCCTGGAGATGCTGTAGAGATGGAGATGGCCA
CTGTGCTAGAGCAGTGTCCGTCTATTGTCCGCTTCGGGTACCCTTACACAACAAGGACCGCGAGCTCG
GGCAGCCAACGCCATGACCCGCAACAATGAGCTGCGGCGTCAGCAAAAAGAAGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001270651
Insert Size: 1038 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001270651.1, NP_001257580.1</u>
RefSeq Size:	1348 bp
RefSeq ORF:	1038 bp
Locus ID:	295261
Cytogenetics:	2q34