

Product datasheet for **MC209871**

Tmod4 (NM_016712) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmod4 (NM_016712) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmod4
Synonyms: MTMOD; Sk-Tmod
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209871 representing NM_016712
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCATCCTATCAGAAGGAACGGAGAAATACAGAGACATCGACGAAGATGAGATCCTAAGGACCTGA
GCCCTGAAGAGCTAGAACAGCTGGACTGTGAGCTACAAGAAATGGATCCTGAGAATGCTCTTGCCAGC
TGGCCTGAGACAACGTGACCAGACAAAGAAGAGTCCAACAGGGCCACTGGACAGAGATGCCCTATTGCAG
TACCTGGAGCAACAGGCGCTAGAAGTCAAAGAGGGTATGACTTGGTGCCTACACTGGCGAGAAGAAGG
GAAAACCCCTTTATTCAGCCTAAGAGAGAAATCCCAGCACAGGAACAGATTACGCTGGAGCCTGAGCTGGA
GGAAGCGCTGTCCATGCTACAGATGCTGAAATGTGTGACATTGCAGCCATCCTGGGCATGTATACACTG
ATGAGCAACAAGCAATATTATGATGCCATCTGCAGTGGAGAGATCTGCAACACAGAAGGCATTAGCAGTG
TGGTACAGCCTGACAAGTATAAGCCAGTACCAGATGAACCTCAAATCCCACAAACATTGAGGAGATGCT
AAAGAGGGTACGGAGTAAAGCAAAAGAGCTGGAGGAGTGAACCTCAATAATATCCAGGACATCCCAATA
CCTGTGCTAAGTACTTGTGTGAAGCAATGAAAACCAATACCTATGTCCGGAGCTTCAGTCTGGTGGCCA
CAAAGAGTGGTGACCCAATCGCCAATGCGGTGGCTGACATGTTGCGTGAGAACCAGTCCAGAGCCT
GAACATTGAGTCTAACTTCATCAGCAGCACAGGGCTCATGGCTGTGCTAAAGGCAGTTCGGGAAAAATGCT
ACTTCACTGAGCTCCGTGTAGATAAACCAGCGCCAGTGGCCTGGTATGCGGTAGAGATGGAGATGGCCA
CTGTGCTAGAGCAGTGTCCGTCTATTGTCCGCTTCGGGTACCACTTTACACAACAAGGACCACGAGCTCG
GGCAGCCACGCCATGACCCGGAACAATGAGCTGCGTCGTGAGCAAAAAGAAGAGAT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_016712



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Insert Size:	1038 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:	NM_016712.3 , NP_057921.1
RefSeq Size:	1241 bp
RefSeq ORF:	1038 bp
Locus ID:	50874
UniProt ID:	Q9JLH8
Cytogenetics:	3 40.74 cM
Gene Summary:	Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton (By similarity).[UniProtKB/Swiss-Prot Function]