

Product datasheet for MC207488

Tmod3 (NM_016963) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmod3 (NM_016963) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmod3
Synonyms: U-Tmod; UTMOD
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207488 representing NM_016963
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCACTGCCGTTCCGGAAGGACTTGGGGGACTACAAGGACCTGGATGAGGACGAGCTCCTTGGCAAGC
 TGTCCGAATCAGAGCTGAAACAGCTGGAGACTGTCCTGGATGATCTTGACCCCGAGAATGCCCTTCTGCC
 TGCAGGGTTCCGCAGAAGAACCAGACATCAAAGTCTGCCACGGGACCCTTTGATAGAGAACGGCTCCTT
 TCTTACCTAGAGAAGCAAGCATTGGAGCACAAAGACCGGGACGATTATGTGCCCTACACTGGAGAGAAGA
 AAGGGAAAATTTTATCCCAAACAGAAGCCAGCGCAGACTCTTACAGAAGAACTATATCCCTCGACCC
 AGAGTTAGAAGAAGCTTTGACAAGTGCTTCAGACACAGAGCTGTGCGACCTTGCAGCTATTCTTGGGATG
 CACAATCTGATTGCAGACACACCGTTCTGTGATGTGCTGGGAAGTAGTAACGGTGTCAACCAAGAGCGTT
 TTCCCAATGTGGTTAAAGGGGAAAAGATTCTTCCAGTGTGTTGATGAGCCACCAAACTCAACCAACGTTGA
 AGAGAGTTTAAAGAGAATTAGGGAAAACGATGCCCGTCTTGTGAAGTTAATTTGAATAATATAAAAAAT
 ATCCCAATCCAACCTCTAAAAGATTTTGCAAAGACTTTGGAAGCCAACACGCATGTGAAACATTTTCAGTC
 TCGCGGCCACCAGGAGCAATGACCCCGTGGCTGTTGCTTTTGCAGATATGCTGAAAGTGAACAAAACCTT
 GAAGAGCTTAAATATGGAGTCCAACCTTCATCACAGGCGCAGGGGTTTTAGCACTGATTGATGCTTTGAGA
 GATAATGAGACCCTGATGGAGCTCAAGATTGACAATCAGAGACAGCAGTTGGGCACCTCAGTAGAATTAG
 AAATGGCCAAGATGCTTGAGGAAAATACAAATATCCTTAAATTTGGATATCAGTTACGCAGCAGGGACC
 CCGAACCAAGGCAGCCAACGCGATAACGAAGAACAATGACTTAGTGCGCAAGAGGCGAATTGAAGGAGAC
 CACCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_016963
Insert Size:	1059 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_016963.2 , NP_058659.1
RefSeq Size:	3590 bp
RefSeq ORF:	1059 bp
Locus ID:	50875
UniProt ID:	Q9JHJ0
Cytogenetics:	9 42.3 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>