

Product datasheet for **RN200217**

Tpm3 (NM_057208) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpm3 (NM_057208) Rat Untagged Clone
Tag: Tag Free
Symbol: Tpm3
Synonyms: TM30nm; Tpm5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200217 representing NM_057208
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGAGCACCACCATCGAGGCGGTAAAGCGCAAGATCCAGGTTCTGCAGCAGCAGGCTGATGATG
CGGAGGAGAGGGCTGAGCGCCTCCAGCGGAAGTGGAGGGAGAAAGCGGGCCCGGAGCAGGCTGAAGC
TGAGGTGGCTTCCTTGAACCGTAGGATCCAGCTGGTTGAAGAGGAGCTGGACCGCGCCAGGAGCGCCTT
GCCACTGCTTTCAGAAAGCTGGAGGAAGCGGAGAAGGCTGCTGATGAGAGTGAGAGAGGTATGAAGGTGA
TTGAAAACCGGGCTCTAAAAGATGAAGAAAAGATGGAGCTCCAGGAAATCCAGCTGAAGGAAGCAAAGCA
CATTGCAGAAGAGGCAGACAGGAAGTATGAAGAGGTGGCTCGTAAGTTGGTGATCATTGAAGGAGACTTG
GAACGCACGGAGGAACCGCGGAGCTGGCAGAGTCTAAGTGTCTGAGCTGGAGGAGGAGCTGAAGAATG
TCACCAACAACCTCAAATCTCTTGAGGCTCAGGCGGAGAAGTACTCTCAAAAAGAAGACAAGTATGAAGA
AGAAATAAAGATTCTTACTGATAAACTCAAGGAGGCGGAGACCCGGGCTGAGTTTGTCTGAAAGATCGGTA
GCCAAGCTGAAAAGACCATTGATGACTTGAAGAGCGTCTCTACAGCCAACCTTGAGCGAAAACCGCCTGC
TTTCTAATGAGCTGAAGCTAACGCTGCATGGTCTTTGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057208
Insert Size: 744 bp



[View online »](#)

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_057208.2 , NP_476556.2
RefSeq Size:	1078 bp
RefSeq ORF:	744 bp
Locus ID:	117557
UniProt ID:	Q63610
Cytogenetics:	2q34
Gene Summary:	<p>rod-like protein associated with actin filament in nonmuscle cells; may mediate the stability of actin filaments; may play a role in the regulation of cell transformation, cytokinesis, motility, and morphogenesis [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (Tpm3.4, also known as variant 1) differs in both UTR's and the coding region but maintains the reading frame, compared to variant Tpm3.12. This results in an isoform (Tpm3.4cy, also known as isoform 1) that is shorter at both the N- and C-termini, compared to isoform Tpm3.12st.</p>