

Product datasheet for **RN201178**

Tmco3 (NM_001135857) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmco3 (NM_001135857) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmco3
Synonyms:	RGD1306586
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201178 representing NM_001135857
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCGCTGGACCCGAGTCTCCTCTGCTGCTTCCCTTCTCCACCTGATAGCCAGCGCTGCGG
 AGCACGAGGAGGTGGCCAAGCACGCCATCAAGCTGCACCGTGGGAAGGGCGCCACTGCCACTCAAAGGAG
 GCAGTGGGCTTGACAGCTGCAGGAGGCTCACGGGGCTCTACGACAGAAGAATGTGGTTCTCAACAAA
 CTTAAGAACGCCATCAGGGCCGTGGAGAAGGATGCCAGCCTTCGGGCGAGGAGAAGCTCTCCAGGTGC
 ACACGTTTGAGATTTCCAGAAGGAGCTGAATGAAAGTAAAAATTCAGTCTTCCAGGCCATCTACGGACT
 ACAGAGAGCCCTGCAGGGTGATTACAGGGATGTGGTCAACATGAAAGAGAGCAGCAAGCAGCGGCTGGAG
 GCTTTGAGGGAGGCAGCCATTAAGGAAGAGACAGAGTACGTGGAACCTTTCGCCGCGAAAAACACCAAG
 TGGAAAGCCCTAAAAATATGCAGCATCAAACAAGAGCCTATCCATGCTTGACGAGATTCTGGAGGACGT
 GAGGAAAGCCGACAGCCGTTGGAGGAGGAGATTGAGGAGCATGCCTTCGACGACAACAAATCAGTCAA
 GCGTCAACTTTGAGGCCGTTCTGAGAGTGGAGGAGGAAGAGGCCAGTCCAAACAGAATCTCACAAAGA
 GGAAGTGGAGGGCGCCCTGGGCCTCAGCATGCTTATCGACTCCCAGAACAACCAGTATATCCTGACCAA
 GCCCAGGGACTCAACTATCCCACGCGCAGACCACCACTTCATAAAGGATATCGTGACTATAGGAATGCTG
 TCATTGCCGTGTGGCTGGCTGTGTACAACAATAGGACTGCCTACGATGTTCCGGTATATAATCTGTGGCG
 TGCTTCTGGGCTTCAGGACTGAACAGTATTAAGTCTATTGTACAGGTGGAGACATTAGGAGAATTTGG
 CGTCTTCTTACTCTGTTCTGGTTGGCTTAGAATTTCTCCAGAGAAGCTGAGAAAGGTGTGGAGAATA
 TCCTTACAAGGGCCGTGCTATATGACACTGCTGATGATCGCCTTTGGCTGTGGTGGGACACCTCCTGC
 GGATCAGACCCACTCAGAGCGTCTTCACTTCTACCTGTTGCTTTATCAAGCACACCCCTGGTGTCCAG
 GTTCTAGTGGCAGTGCCTGGGCGATAAAGGAAGCAGGTGACCTTGACTACAGCACGGTGTCTCGGC
 ATGCTGGTGTGCAAGACGTGCAGCTGGGTCTGTTCAATTGCCGTATGCCGACTCTCATCCAGCCCTCAG
 CAAGCACCTCTCCAGTGTGGTATGGAAGTATTGCGCATACTGTTTCTGATCGGACAAATCTCTTTTC
 GCTAGCTGCTGCTTTCTTTGTGCTTGTGATGAAGACATATCTCATAGGACCGTATTATCGAAAACCTG
 CACTTGGAAAGCAAGGGGAACAAAGAAATCCTTATCCTGGGAGTGTGGCTTTCACCTTCTGATGCTGA
 CGGTACGGAGCTGCTGGACGTCTCAATGGAGCTTGGCTGCTTCTGGCTGGAGCGTTGGTCTTCCCA
 AGGTCACATAGTCACTGAGGAGATCATGGGTTACATCGAGCCTATCCGTGACTTCTGGCCATCATCTTC
 TTCGCATCCATAGGGCTCATGTGTTCCACCTTTGTGATCTACGAGCTGACCGTGTGGTATTCTCTCA
 CCCTGTCCGTGGTCATCATGAAGTTGTGTTGGCAGTGTGGTCTTGTCTCTCATCTGCCAAGGAGCAG
 CAGTACATCAAGTGGATTGTGCTGCTGGACTGGCACAAGTCAGCGAGTTCTCCTTTGTCTGGGAGC
 CGAGCACGGAGAGCAGGCATCATCTCAAGAGAGGTGTACCTCCTCATCTGAGTGTGACCACACTTAGCC
 TCTTACTTGCCCCAGTGTGTGAAAGCAGCCATTACCAAGTGTGTGCCGAGACCAGAGAGACGCTCAAG
 CCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001135857
- Insert Size:** 2037 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:

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_001135857.1](#), [NP_001129329.1](#)

RefSeq Size: 3195 bp

RefSeq ORF: 2037 bp

Locus ID: 306607

Cytogenetics: 16q12.5