

Product datasheet for **RN210943**

Tmco4 (NM_001034949) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmco4 (NM_001034949) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmco4
Synonyms:	MGC124660
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210943 representing NM_001034949
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACATGGAACCGGCCACCCAAGGCTGCCTGTGGCACCAGGCCAGTTGCAGAAGGGGAGTCCC
 AGCAGCCCCTGGGGCAGAGCTCTCGGAGGCCAACCGTTTTGCCTATGCCGCCCTGTGTGGCATCTCTTT
 GTCACAGCTGTTCCAGAACCTGAGCAAAGCTCCTTCTGCTCAGAATTTGTGACGGGCTGGTGAATGG
 TTGCATCTGTCTGAAACTGTCCTCCAACCATGATGGCCTTTGCCAGCGCCTGGGAGGCAAAGGAGATG
 ACATCTTTGCTCAGACTTTATTGAAGGACCCATTCTGAAAGACAACCCATCAGCCATCAGTCAGGACCT
 CCTGAGCTTCTCACTCAAGGATGGGCACTACGATGCCCGAGCCAGAGTCTCGTTTGTATGTGATCTCC
 CTGCTCCAGGTGCCCATGGAGGAGCTTGATATTCTCGAAGAGGTGTTCTGGAGAGCCTGAAGGACGCCA
 AAGAGGAGGAGTCTGAGACCGCAGAGGAGTCCCGAAGAGAAAAGAAAAAGGAGGAAGTGAAGCGCTA
 TCTCTGATTGGCCTGGCCACAGTTGGAGCGGGACAGTATTGGTGTGACAGGGGGCCTAGCTGCCCCC
 CTTGTTGCCGCCGGAGCTGCGACAATTATAGGCAGCGCTGGGGCAGCTGGGTTGGCTCCGTGGCTGGCA
 TCGCTGTTATGACCTCACTGTTTGGTGCAGCCGGAGCTGGCCTGACAGGATACAAGTGAAGAAGCGAGT
 CGGGGCCATTGAGGAGTTCATGTTCTGCCTCTGACGGATGGCAAGCAGCTACATATCACCATCGCCATC
 ACTGGCTGGCTCGGGTCCGGCAGATACCGTACATTCAATGCCCATGGATGGCCCTAGCCCGCAGCCAGG
 AGCAGTACTGCCTGGCCTGGGAGGCCAAGTACCTGATGGAGTTGGGCAATGCCCTGGAGACCATTCTCAG
 TGGCCTCGCTAACATGGTGGCCAGGAGGCTCTCAAGTACACCGTGTCTCTGGTATCGTGGCTGCTCTA
 ACCTTGCCGGCCTCCCTCCTCAGCGTCGCAATGTCATCGACAACCCCTGGGGGTGTGTCTCCACCGGT
 CTGCTGAGGTTGGCAAGCACCTAGCACACATCCTTCTCTCGAGGCAACAGGGCCGGAGGCCTGCACCTT
 GATTGGATTGAGCTGGGAGCCAGAGTCACTACTTCTGTCTGCAAGAGATGGCTCAGGAGCAAGATTGC
 CAAGGGATCATCGAGGATGTTGTCTTCTGGGCGCACCAGTAGAGGGGGACCCCAAGTACTGGAAACCGT
 TCCGGAATGTGGTGTCTGGGAGAATCATCAACGGCTACTGCAGGGGAGACTGGCTGCTGAGTTTCGTGTA
 CCGCACATCTTCTGTGCAGCTCCCGCTCGCAGGCCTCCAGCCTGTGCTGTTGCAGGACCGGAGGATGGAG
 AACGTGGACCTGTCTCAGTGGTCAATGGCCATTTGGACTATGCCAAGAAAATGGATGTCATCCTGAAGG
 CTGTGGGCATCCGCACCAAGCCTGGCTGGAGTGAAGGGACTCCCACTGGCCCCGGCGGCTGCCCA
 AGAAGAGCCTCTCAGCCAGCCACAGTCTCCACAGATGAGACAATCCACCAGGATGAACAAAAGCAGGGA
 CCTGCCAGGAGACAGTCTCAAATCCGCCATTTCTTCCAGTGCCAGCCAAGCCAGGTGCCAGCAGGGC
 TGGACCAATCCACAGAGGACTCGCTCCCTGCTGCCGCTGCACCAGCAGAGGGGCACCTGGTCTGCAGCCA
 TGGTGTGGGACCAACCCACTGGCTGCCTGACTGCACCCGTGAGACCCAGGAGTCTGTGCAGAACTA
 GACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034949
- Insert Size:** 1896 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_001034949.1](#), [NP_001030121.1](#)

RefSeq Size: 2880 bp

RefSeq ORF: 1896 bp

Locus ID: 500573

UniProt ID: [Q499U8](#)

Cytogenetics: 5q36