

## Product datasheet for **MC227973**

### Tc2n (NM\_001286364) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tc2n (NM_001286364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tc2n
Synonyms:	4933406D09Rik; Mtac2d1; Tac2-N
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC227973 representing NM\_001286364  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCAGCAGAATTTATAAAGAGTTGCTGTAGAGGATGTCTCTATGGTGAACAGAAAAGCAGAAGTTTT  
CTGTGGACAGAGACTTTAAAGCATCAGCCTCAAGTAGCCAAAATACCATTGGTATCCCTCCATTGACTTC  
TGTTCTAGTAAAGCCTCAAGTTGGCTGTAATGAAGATTATTTGCTTTCCAAATTACCATGTGATGGTAAA  
GAAGTACAATTTGTGGTGCCAGGTTTAAATTATCTTATATTCAGCCTAGGACACAAGGAATTCCTTAC  
ATCTGGATGAACTGGAAGGATCTGCTAGAGCATCTTTGGAGATCAAAGACAGAAGCTTTGTAGTTCATT  
CTACCATGGACCCAGCTATGATGTGTATAATCCATGCTATATGTATCAACACTTTTCACCTGATTTAAGT  
AGGCGCTTCTCCTCATTGTGAAACAAAACAGTTATATGGATCTGTTTGTGATTTAAGGACCAGTAAAC  
TTCTGGTTCCTCTGGGCTAAGCAAATCTATGCTTATGATCTTACAACCTTCATCTCAGCGATTATCCAGAG  
ACATGACTCATTTCCAGTGTTCTAGTAGTTCTTCTTCAAGAAAAAATCTCAGGCGAGTAACAGAAGC  
CTGGATACAATTACCCTATCAGGAGATGAAAGAGACTTGGGGAGATTGAATGTGAAATTATTTATAAATT  
CTTCAGCAGAGCAGATCTGGATCACAGTTTTGCAGTGCAGAGATATAAGTTGGCCCTCTAGTTATGGAGA  
CACTCCCACAATTTCTATAAAAAGGAATTTAAACATTGTCCAAACCAGTGCATTTCAAATCTTCAGCCAAA  
GAAGGTTCCAATGCTATTGAATTTATGGAACATTTGATTTGCTATTAAACTACAAAATCTCCAAGCTG  
TGAGACTTGCAATTAAGATTCAAACCCAGACTCCCAAGAAGAAAACCATTTGGAGAGTGTCTCTTTCACT  
CAGAACTCTTAGTACCCAGGAAATGGAGTACTCGTTGGAATAATAGCACCTTCAAAAATTTCTGTTTGC  
CAAGCAGAACTTGAAGTGGGACTTGTGTTTCAAGCAGTAAATAGCAGGATTCAGCTGCAATTTCTGAGG  
ACAATACCTTCCAAGTTCATCAACACCTTTGACTTTGAGTTTTTTGTGAAAGTGGGGATGTTTAGCTC  
AGGAGAGCTGATTTACAAGAAGAAGACACGCTTATTGAAGGCCTCCAGTGAAGAGTAAAAATGGGGAGAA  
ACTATGATTTTTCCACTTATACAGACTGAAAAAGAAATTGTTTTTCTATTAAACTTTATAGTCGGAGCT  
CTGTAAGAAGAAAACATTTGTAGGCCAGCTCTGGATAAGTGAAGACAGTAAATAATTGAAGCAGTGAA  
TCAATGGAAGAGACCATTACAAATCCGAAAAGGTTGTATCAAGTGGCACAAGTTAAATCCATCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001286364

**Insert Size:** 1470 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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\\_001286364.1](#), [NP\\_001273293.1](#)

**RefSeq Size:** 3711 bp

**RefSeq ORF:** 1470 bp

**Locus ID:** 74413

**Cytogenetics:** 12 E