

Product datasheet for **RN202255**

Tc2n (NM_001025152) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tc2n (NM_001025152) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tc2n
Synonyms:	Mtac2d1; Tac2-N
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202255 representing NM_001025152
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCAGAATTTATAAAGAGTTGTTGTAGAGGATGTTTCTATGGTGAACCGGAAAAGCACAAAGTTTT
 CTGTGGAAAAAGAGTTTAAAGCATCAGCCTCAAATAGCCAAAACACCATCGGTATAACTCAATTGACTTC
 TGTTTTAGCAAAGCCCCAAGTTGGCTGTAATGAGGACTTCTGCTTTCCAAATTACCATGTGATGGTAAA
 GAAGTACAATTTGTGGTCCAGGTTTAAATTATCTTATATTCAGCCTAGGACACAAGGAACTCCTTCAC
 ATCTGGATGAACTGGAAGGATCTGCCAGAGCATCTTTGGAGATCAAAGACAGAAGTTTGTAGTTCATT
 CTACCATGGATCCATCTATGATGTGTAATCCATGCTATATGTATCAACACTTTTCACCTGATTTAAGT
 AGGCGCTTCTCCTCATTGTGAAACGAAAACGTTATATGGATCTGTTTGTGATTTAAGGACCAGTAAAC
 TTCTGGTTCCTGGGTAAGCAAATCTATGCTAGATCTTACAACCTTCATCTCAGCGATTATCCAGAG
 ACATGACTCATTTCCAGTGTGCCTAGTAGTTCTTCTTCAAGAAAAAATCTCAGGCGAGTAACAGAAGC
 CTGGATACAATTACCCTGTCAGGAGATGAACGAGACTTGGGGAGATTGAATGTGAAATGTTTTATAATT
 CTTCCAGCAGAGCAGATTTGGATCACAATTTTGCAGTGCAGAGATAAAGTTGGCCCTCTAGTTATGGAGA
 TACTCCTACAATTTCTATAAAAGGAATTTAACAATTATCCAAACCAATACATTTCAAATCTTCAGCCAAA
 GAAGGTTCCAATGCTATTGACTTTATGGAACGTTTGTATTTGCTATCAAACACAAAATCTACAAGCTG
 TGAGACTTGCATTTAAGATTCAAACTCAAACCCCAAGAAGAAAACCATTTGGAGAATGTTCTCTTTCACT
 CAGAACTCTTAGTACCCAGGAAATGGATTACTCATTGGAAATAATACCACCTTCAAATTTCTGTTTGC
 CAAGCAGAAGTTGAACTGGGACTTGTTCAGCAGTAAATAGCAGGATTCAGCTGCAATCCTCGAGG
 CACAATACCTTCCAAGTTCATCAACACCTCTGGCTTTGAGTTTTTTTGTGAAGGTAGGGATGTTTAGCTC
 AGGAGAGCTGATTTATAAGAAGAAGACACGCTTACTGAAGGCCTCCAGTGAAGAGTAAAAATGGGGAGAA
 ACTATGATTTTTCCACTCATACAGACTGAAAAAGAAATGTTTTCTTATTAAACTTTACAGTCCGAGCT
 CTGTAAGAAGAAAACATTTTGTAGGCCAGCTCTGGATAAGTGAAGACAGTAATAACGTTGAAGCAGTGAA
 CCAATGGAAGAGACAGTTACAAATCCAGAAAAGGTTGTATCAAGTGGCACAAGTTAAATCCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001025152

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).

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_001025152.1](#), [NP_001020323.1](#)
RefSeq Size: 2545 bp
RefSeq ORF: 1470 bp
Locus ID: 500707
Cytogenetics: 6q32