

## Product datasheet for **SC108327**

### TC2N (NM\_152332) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TC2N (NM_152332) Human Untagged Clone
Tag:	Tag Free
Symbol:	TC2N
Synonyms:	C2CD1; C14orf47; MTAC2D1; Tac2-N
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC108327 sequence for NM\_152332 edited (data generated by NextGen Sequencing)

```

ATGGCAACAGAATTTATAAAGAGTTGCTGTGGAGGATGTTTCTATGGTGAAACAGAAAA
CACAACTTTTCTGTGGAAAGAGATTTTAAAGCAGCAGTCCCAAATAGTCAAAATGCTACT
ATCTCTGTACCTCCATTGACTTCTGTTTCTGTAAGCCTCAGCTTGGCTGTAAGGAT
TATTTGCTTTCCAAATTACCATCTGATGGCAAAGAAGTACCATTGTGGTGCCCAAGTTT
AAGTTATCTTACATTCAACCCAGGACACAAGAACTCCTTCACATCTGGAAGAAGTTGAA
GGATCTGCCAGAGCATCTTTGGAGATCGAAAGGTAGAAGTTTCCAGTTTATCCAGCAC
GGACCTAGCTATGATGTGTATAACCCATTCTATATGTATCAGCACATTTACCTGATTTG
AGTCGACGCTTTCTCCCGTTCCAGAAAGTACGAGACTGTATGGATCGGTTTGTGATTTA
AGGACGAACAACTTCCCGTTCCCTGGGCTAAGCAAATCTATGTTTGTCTTACAAAC
TCATCTCAGCGATTATCCAGAGACATGATTCATTGTCCAGTGTACCCAGTAGTTCTTCT
TCAAGGAAAAATCTCAGGGGAGTAACAGAAGCCTGGATACAATTACTCTATCAGGAGAT
GAAAGGGACTTTGGGAGACTGAATGTGAAATTGTTTTATAATTCTTCAGTAGAACAGATC
TGGATCACAGTTTTACAGTGCAGAGATTAAGTTGGCCCTCTAGTTATGGAGACTCCT
ACTGTTTCTATAAAAGGAATACTTACATTGCCAAACCAGTGCATTTCAAATCTTACAGCC
AAGGAAGTTCCAACGCTATTGAATTTATGGAAACGTTTGTATTTGCTATTAACCTCAA
AATCTACAAACTGTAAGACTTGTATTTAAGATTCAAACCCAGACTCCCAGGAAGAAAACC
ATTGGAGAATGCTCAATGTCACTCAGAACCCTTAGCACACAGGAAATGGATTACTCTTTG
GATATAACACCACCTTCAAAAATTTCTGTTTGCATGCAGAACTGAATTGGGGACTTGT
TTTCAAGCAGTAAATAGCAGAATCAGTTACAAATTTCTGAGGCACGGTACCTTCCAAGC
TCATCAACACCTCTGACTTTGAGTTTTTTCGTGAAGGTGGGAATGTTTAGCTCGGGAGAG
TTGATTTATAAGAAAAAGACACGCTTACTGAAGGCCTCCAATGGAAGAGTCAAGTGGGA
GAGACTATGATTTTTCCACTTATACAGAGTGAAAAAGAAATGTTTTTCTCATTAAAGCTT
TACAGTCAAGCTCTGTAGAAGAAAACACTTTGTGGCCAGATTTGGATAAGTGAAGAC
AGTAATAACATTGAAGCAGTGAACCAGTGGAAAGAGACAGTAATAAATCCAGAAAAGTT
GTTATCAGGTGGCACAAATTAATCCATCTTGA
    
```

Clone variation with respect to NM\_152332.4

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_152332 unedited
GGGGTCAGNAATTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGTCAAGTG
GTGTTAGCAATCACATCAGCACCAAAATGGCTCAGGATGCTCTGGTTTCAAAGCTTATAAA
ACAGAGGGTGATCCCTTGGGACTCACTCAGCTCGGCTCCGAAAAGCAAAGGCCAGAAGG
CAGCAGTGAGCCTGGGTCCCTGCTGTGTAGGGAGACTCAGGGGCTGGGAAGAAGGATGGA
ATCAGAAAATGCTGAAGGTTTACGTGAGCTTTCACCGAGCGCCTCCGAACCACTGCCTCT
GGGCTCAACAGAACGCAGGGATTAATATTAAGATTGGAAGTTTGTGCTTTTGTGGATA
TTGGAAATTTGAATGTAATGGCAACAGAATTTATAAAGAGTTGCTGTGGAGGATGTTTCTA
TGGTGAACAGAAAAACAACTTTTCTGTGAAAGAGATTTTAAAGCAGCAGTCCCAAA
TAGTCAAAATGCTACTATCTCTGTACCTCCATTGACTTCTGTTTCTGTAAGCCTCAGCT
TGGCTGTACTGAGGATTTTGTCTTCCAAATACCATCTGATGGCAAAGAAGTACCATN
TTGTGGTGCCCAAGTTTAAAGTTATCTTACATTCAACCCAGGACACAAGAACTCCTTCAC
ATCTGGAAGAAGTTGAAGGATCTGCCAGAGCATTTTTGGAGATCGAAAGGTAGAAGTNT
NCAGTTTATCCCAGCACGGACCTAGCTATGATGTGTATAACCCATTCTATATGTATCAGC
ACATTTACCTGATTTGAGTCGACGCTTCTCCCGTNCAAAGTGANAGACTGNNATGGA
TCGTTNNGGATTTAAGACGACAACCTTNCNGNNTCCTGGCTAGCAATCTGGGTGATCTA
CAACTATTCAGCGATAA
    
```

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_152332

**Insert Size:** 2200 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_152332.2</a> , <a href="#">NP_689545.1</a>
<b>RefSeq Size:</b>	4620 bp
<b>RefSeq ORF:</b>	1473 bp
<b>Locus ID:</b>	123036
<b>UniProt ID:</b>	<a href="#">Q8N9U0</a>
<b>Cytogenetics:</b>	14q32.12
<b>Domains:</b>	C2