

Product datasheet for **SC315331**

TENC1 (TNS2) (NM_198316) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TENC1 (TNS2) (NM_198316) Human Untagged Clone
Tag: Tag Free
Symbol: TENC1
Synonyms: C1-TEN; C1TEN; TENC1
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_198316, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCGGGCGCTGGGACTTAGACCTCACCTACGTGACGGAGCGCATCTTGGCCGCCGCC
TTCCCCGCGCGGCCGATGAACAGCGGCACCGGGCCACCTGCGCGAGCTGGCCCATGTG
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GACTTTGGCTACCGCGCCCCAGGCTACCGGGAGGTGGTCATCCTGGAGGACCCTGGGCTG
CCTGCCATATACCATGCCAGCCTGCGAGGAGAAGCTGGCGTGCCTACAGCAGCCTTG

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TATGGACTGCGGCTGGAGAGGGAGGCTGGAGAAGGGTGGGCAAGTGAGGCTGGCAAGCCT
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 GCAGAGCTTGACCCAGATCAGCCTGCTGGGCCATTGTACCTTCATACCAAAGTTCTA
 CTGGGCCAGAGAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_198316
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_198316.1](#), [NP_938072.1](#)

RefSeq Size: 4690 bp

RefSeq ORF: 3858 bp

Locus ID: 23371

UniProt ID: [Q63HR2](#)

Cytogenetics: 12q13.13

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene belongs to the tensin family. Tensin is a focal adhesion molecule that binds to actin filaments and participates in signaling pathways. This protein plays a role in regulating cell migration. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (3) has a distinct 5' UTR and coding region, compared to variant 1, resulting in the use of a downstream translational start and a protein (isoform 3) that contains a shorter N-terminus, compared to isoform 1.