

Product datasheet for **SC127157**

TENT5C (NM_017709) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENT5C (NM_017709) Human Untagged Clone
Tag:	Tag Free
Symbol:	TENT5C
Synonyms:	FAM46C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127157 sequence for NM_017709 edited (data generated by NextGen Sequencing)

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ATGGCAGAGGAGAGCAGCTGTACCAGGGATTGCATGTCCTTCAGCGTGCTCAACTGGGAT
CAGGTTAGCCGGCTGCATGAGGTCTCACTGAAGTTGTACCTATCCACGGACGAGGCAAC
TTTCCAACCTTGGAGATAACTCTGAAGGACATCGTCCAGACCGTCCGCAGTCGGCTGGAG
GAGGCAGGCATCAAAGTGCACGACGTCCGGCTGAATGGCTCCGCAGCTGGCCACGTTTTG
GTCAAAGACAATGGCTTGGGCTGCAAAGACCTGGACCTAATCTTCCATGTGGCTTTCCA
ACAGAGGCAGAAATTTAGCTGGTTAGAGATGTGGTTCTGTGTTCCCTTCTGAACTTCTG
CCAGAGGGTGTGAACAAGCTCAAATCAGTCCAGTCACTCTGAAGGAGGCATATGTGCAG
AAGCTAGTGAAGTTTGCACGGACTGACCGCTGGAGCCTGATCTCCCTCTCCAACAAG
AACGGGAAGAACGTGGAGCTGAAGTTTGTGCGACTCCATTCGGCGTCAGTTTGAGTTCAGT
GTGGACTCTTTCAAATCATCCTGGATTCTTTGCTTTTCTTCTATGACTGTTCCAATAAT
CCCATCTCTGAGCACTTCCACCCACCCTGATTGGGGAGAGCATGTACGGGGACTTTGAG
GAAGCTTTTGACCATCTGCAGAACAGACTGATCGCCACCAAGAACCAGAAATCAGAA
GGCGGGGGACTTCTCAAGTACAGCAACCTTCTTGTGCGGGACTTCAGGCCACAGACCAG
GAAGAAATCAAACCTCTAGAGCGCTACATGTGCTCCAGTTCTTCATCGACTTCCCGGAC
ATCCTTGAACAGCAGAGGAAGTTGGAGACTTACCTTCAAACCACTTCGCTGAAGAAGAG
AGAAGCAAGTACGACTACCTCATGATCCTTCGCAGGGTGGTGAACGAGAGCACCCTGTGT
CTCATGGGGCATGAACGCAGGCAGACTCTGAACCTCATCTCCCTCCTGGCCTTGGCTGTG
CTGGCGGAACAAAACATCATCCCCAGTGCCACCAACGTACCTGTTACTACCAGCCGGCC
CCTTACGTCAGTGATGGCAACTTCACTACTACGTTGCCCATCTCCAGTCACCTAC
AGCCAGCCTTACCCTACCTGGCTGCCCTGTAACCTAA

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Clone variation with respect to NM_017709.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017709 unedited
 CCTGCCTCTGTCGCCTCCTCTTCTATTGCCAGTTTCCCCAGCCAGAACATCCCCTGAAG
 ATGGCAGAGGAGAGCAGCTGTACCAGGGATTGCATGTCCTTCAGCGTGCTCAACTGGGAT
 CAGGTTAGCCGGCTGCATGAGGTCTCACTGAAGTTGTACCTATCCACGGACGAGGCAAC
 TTTCCAACCTTGGAGATAACTCTGAAGGACATCGTCCAGACCGTCCGAGTCCGGCTGGAG
 GAGGCAGGCATCAAAGTGCACGACGTCCGGCTGAATGGCTCCGACGTGGCCACGTTTTG
 GTCAAAGACAATGGCTTGGGCTGCAAAGACCTGGACCTAATCTTCCATGTGGCTCTTCCA
 ACAGAGGCAGAATTTACAGCTGGTTAGAGATGTGGTTCTGTGTTCCCTTCTGAACCTCCTG
 CCAGAGGGTGTGAACAAGCTCAAATCAGTCCAGTCACTCTGAAGGAGGCCTATGTGCAA
 AAGCTAGTGAAGGTTTGCACGGACACTGACCGGTGGAGCCTGATCTTCTCTTCCAACAA
 AACGGGAAAAACGTGAAGCTAAAGTTTCAACTCCATTTCCGGTTCAGTTTTAGTCCAC
 GTGGGCCTTTTTCCAACCAATCTGGATTCTTGGTTTCTTCTAGGCCTGTCCAATCAC
 CCCATTCTGAAACCTTCCCACTCGTATTTGTGGAACGACTTCCCCGTCTCTTTGG
 GGACCACTTTCACCCATTAATACATTATTTCTCTTCTCCAATCCATATAATTAGCAC
 GTGGCCCCGTACCAATCACAACACCACAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017709 unedited
 ACCCTAGAGGGACAGAANCCATCCCTGATGGTAAAATACCTATNTCTTCTCAAACCTCAA
 GCTTTATCAAGTTCTAACACATTTTGCATTGACAAGTGATTTTATCTGCATCAAGTAAGG
 TTAGTGACCACCACGAAAGAGGAATCCCCAGACCTCCTAGGCACTAAGAAATATTTCAA
 GGCTATGCAAATATAGAACAAAAAGCTTCAATTTAGTCTATANGGTTATCTATTTTTCA
 TCTATATTAATTTGGAAATAAGTTGCTACCTTAGAAAAATTACATTTTTATCCATTA
 TAAACACCAGATAGGTTGAGTTTTTTTTAAAAACACCCACAGATCTGTATTTAGTACTT
 CCTCTTTAGTAGATGGTATCTCACCTTCTATGCAAACACACAAAGAATTTGCACCAA
 CTCTCACTAGCCAGGCAAACTCCAAGCATTTTATTTAGCTTCACTTCAATTATTTTT
 TAAAGTGATAGGTAACAAGATTTAGGCACTTGAACACACACACGCACACACACACACA
 CACACAGTCTTTTATTTCTGATCTTAACCTTAGAGTTCTCCACAATAATCCTGAAAAG
 TTGCCAGATCTTTAAAAATACCTCTCCTCAACACCGCCCCCTCCCCACGACTTGGTCC
 TCTGATTTAACTGGTTGAATTGGAATATGTTCCAAAGCGAGCTGTGAAATCTAGTCTC
 TGCAAGATTAAGGATGCGAATCTAACCTGGAAGTGGATTCTTACAAGTCCACCCAGAGG
 TTTTTCCTGACACAGAGCCCTGTTCCGACACCCAGTAAGGAAGCCCTTTATGAGCGTCAG
 GGTCCTGCTCACCCCTTGATTACTACCTCGCTCTAAAAAGAGGACATTTGAGCTCAA
 TATATTACCCGGATCCAATCCAAGGACCACACAAAACAA

Restriction Sites:

NotI-NotI

ACCN:

NM_017709

Insert Size:

6220 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<ol style="list-style-type: none">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:	<u>NM_017709.2, NP_060179.2</u>
RefSeq Size:	5695 bp
RefSeq ORF:	1176 bp
Locus ID:	54855
UniProt ID:	<u>Q5VWP2</u>
Cytogenetics:	1p12
Gene Summary:	Nucleotidyltransferase that act as a non-canonical poly(A) RNA polymerase which enhances mRNA stability and gene expression. Mainly targets mRNAs encoding endoplasmic reticulum-targeted protein and may be involved in induction of cell death.[UniProtKB/Swiss-Prot Function]