

Product datasheet for **SC110161**

TADA3L (TADA3) (NM_133480) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TADA3L (TADA3) (NM_133480) Human Untagged Clone
Tag:	Tag Free
Symbol:	TADA3L
Synonyms:	ADA3; hADA3; NGG1; STAF54; TADA3L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_133480, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGAGTTGAAAGACTGCCCTTGCAGTTCACGACTTCAAGTCTGTGGATCACCTGAAGGTCTGTC
CCCGCTACACGGCAGTGCTGGCACGCTCTGAGGATGATGGCATCGGCATCGAGGAGCTGGACACCCTGCA
GCTGGAGCTGGAGACCCTGCTGTCTTCTGCCAGCCGGCGCCTGCGTGTGCTTGAGGCCGAAACCCAGATC
CTCACCGACTGGCAGGATAAGAAAGGTGACAGACGATTCTGAAGCTGGGTCGAGACCATGAACTGGAG
CTCCCCCAAACATGGGAAGCCCAAGAAGCAGAACTGGAAGGGAAGGCAGGACATGGGCCGGGCCCTGG
CCCAGGACGGCCAAATCAAAAACCTTCAGCCAAGATCCAGGAATATGAATTCCTGATGACCCTATC
GACGTGCCACGGATCCCCAAAAATGATGCCCAACAGGTTCTGGGCTTCAGTGGAGCCCTACTGTGCTG
ACATCACCAGCGAGGAGTCCGCACACTTGAGGAGTTACTGAAGCCCCAGAAGATGAGGCTGAGCATT
CAAGATCCCACCCTGGGGAAGCACTACTCCAGCGCTGGGCCAGGAGGACCTGCTGGAGGAGCAGAAG
GATGGGGCCCGGGCAGCGGCTGTGGCTGACAAGAAGAAAGGCCTCATGGGGCCACTGACCGAACTGGACA
CTAAAGATGTGGATGCCCTGCTGAAGAAGTCTGAGGCCAGCATGAACAGCCGGAAGATGGATGCCCTT
TGGTGCCCTGACGCAGCGCCTCCTGCAGGCCCTGGTGGAGGAAAATATTTCCCTATGGAGGATTCT
CCTATTCCTGACATGTCTGGGAAAGAATCAGGGGCTGACGGGGCAAGCACCTCCCTCGCAATCAGAACA
AGCCCTTCAGTGTGCCGATACTAAGTCCTGGAGAGCCGCATCAAGGAGGAGCTAATTGCCAGGGCCT
TTTGAGTCTGAGGACCGCCCGCAGAGGACTCCGAGGATGAGGTCTTGTGAGCTTCGCAACGGCAG
GCTGAGCTGAAGGCACCTAGTGCCCAACAACCGCACCAAGAAGCAGCAGCTGCTGAGGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_133480 unedited NNGGTGTTTCAGGATATTTGTNATCACGNACTTCACTATNAGGNCGCCGCGNAATNNN CGGCACCAGGTGCGACTAGGGTGTCCCTANAGAACGAGGACTCTGAAGCGGGACATTTGG GCGACCCCGGGCGGGCCAGCCATTAACAGTCCCCTTCTGTGCCAGACACTGAACTG GGCTCTTGACGGGCATCATCTCTTAATCCTCAGAACATCCCAGGAGCTCCACAGGATCCC CATATCCTGGGCCATGAGTGAGTTGAAAGACTGCCCTTGCAGTTCCACGACTTCAAGTC TGTGGATCACCTGAAGGTCTGTCCCGCTACACGGCAGTGTGGCAGCTCTGAGGATGA TGGCATCGGCATCGAGGAGCTGGACACCCCTGCAGCTGGAGCTGGAGACCCCTGCTGTCTTC TGCCAGCCGGCGCCTGCGTGTGCTTGAAGCCGAAACCCAGATCCTCACCGACTGGCAGGA TAAGAAAGGTGACAGACGATTCCCTGAAGCTGGGTCGAGACCATGAACTTGGAGCTCCCC CAAACATGGGAAGCCCAAGAAGCAGAACTGGAAGGGAAGGCAGGACATGGGCCGGGCC TGGCCAGGACGGCCANATCCAAAAACCTTCAGCCCAAGATCCAGGAATATGAATTCAC TGATGACCCTATCGAGTGCACGGATCCCCAAAATGATGCCCAACAGTTCTGGGCT TCAGTGGAGCCCTACTGTGCTGACATCACCAGCGAGGNAGTCCGCACACTTGAGGAGTTA CTGAAGCCCCAGAAGATGAGCTGAGCATTACAGATCCCACCCTGGGGAGCACTACTCCC ACGCTGGGCCAGNAGACCTGTGAGACANAAGATGGGCCCGNCACGGCTGTGCTGA CAGAAAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_133480
Insert Size:	1750 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:	<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_133480.1</u> , <u>NP_597814.1</u>
RefSeq Size:	2571 bp
RefSeq ORF:	1110 bp
Locus ID:	10474
UniProt ID:	<u>O75528</u>
Cytogenetics:	3p25.3
Protein Families:	Transcription Factors

Gene Summary:

DNA-binding transcriptional activator proteins increase the rate of transcription by interacting with the transcriptional machinery bound to the basal promoter in conjunction with adaptor proteins, possibly by acetylation and destabilization of nucleosomes. The protein encoded by this gene is a transcriptional activator adaptor and a component of the histone acetyl transferase (HAT) coactivator complex which plays a crucial role in chromatin modulation and cell cycle progression. Along with the other components of the complex, this protein links transcriptional activators bound to specific promoters, to histone acetylation and the transcriptional machinery. The protein is also involved in the stabilization and activation of the p53 tumor suppressor protein that plays a role in the cellular response to DNA damage. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

Transcript Variant: This variant (2) lacks an exon and its 3' terminal exon extends past a splice site that is used in variant 1, that results in an early stop codon and a different 3' UTR, compared to variant 1. It encodes isoform b which is shorter at the C-terminus, compared to isoform a.