

Product datasheet for **SC110160**

TADA3L (TADA3) (NM_006354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TADA3L (TADA3) (NM_006354) Human Untagged Clone
Tag:	Tag Free
Symbol:	TADA3L
Synonyms:	ADA3; hADA3; NGG1; STAF54; TADA3L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_006354 edited
 GAATTCGGCACGAGGCCCTAGAGAACGAGGACTCTGAAGGCGGGACATTTGGGCGACCCC
 CGGGCGGGGCCAGCCATTAACAGTCCCCTTCTGTGCCAGACTGAACTGGGCTTTG
 ACGGGCATCATCTCTTAATCCTCAGAACATCCCAGGGAGCTCCACAGGATCCCCATATCC
 TGGGCCATGAGTGAGTTGAAAGACTGCCCTTGCAGTTCCACGACTTCAAGTCTGTGGAT
 CACCTGAAGGTCTGTCCCCGCTACACGGCAGTGTGCCACGCTCTGAGGATGATGGCATC
 GGATCGAGGAGCTGGACACCCTGCAGCTGGAGCTGGAGACCCTGCTGTCTTCTGCCAGC
 CGGCGCCTGCGTGTGCTTGAGGCCGAAACCCAGATCCTCACCGACTGGCAGGATAAGAAA
 GGTGACAGACGATTCTGAAGCTGGGTGAGACCATGAACTTGGAGCTCCCCCAAAACAT
 GGGAAAGCCCAAGAAGCAGAAAAGTGAAGGGAAGGCAGGACATGGGCCGGGCCCTGGCCCA
 GGACGGCCCAAAATCCAAAAACCTTACGCCCAAGATCCAGGAATATGAATCACTGATGAC
 CCTATCGAGCTGCCACGGATCCCCAAAAATGATGCCCAACAGGTTCTGGGCTTCAGTG
 GAGCCCTACTGTGCTGACATCACAGCGAGGAGTCCGCACACTGAGGAGTTACTGAAG
 CCCCCAGAAGATGAGGCTGAGCATTACAAGATCCCACCCCTGGGAAGCACTACTCCAG
 CGCTGGGCCAGGAGACTGCTGGAGGAGCAGAAGGATGGGGCCGGGCAGCGGCTGTG
 GCTGACAAGAAGAAAGGCCCTCATGGGGCCACTGACCGAACTGGACTAAAGATGTGGAT
 GCCCTGTGAAGAAGTCTGAGGCCAGCATGAACAGCCGGAAGATGGATGCCCTTTGGT
 GCCCTGACGCAGCGCCTCCTGCAGGCCCTGGTGGAGGAAAATATTATTTCCCTATGGAG
 GATTCTCTATTCTGACATGTCTGGGAAAGAATCAGGGGCTGACGGGGCAAGCACCTCC
 CCTCGCAATCAGAACAAGCCCTTCAAGTGTGCCGATACTAAGTCCCTGGAGAGCCGCATC
 AAGGAGGAGCTAATTGCCAGGGCCTTTGGAGTCTGAGGACCGCCCGCAGAGGACTCC
 GAGGATGAGGTCCTTGTGAGCTTCGAAACGGCAGGCTGAGCTGAAGGCACTTAGTGCC
 CACAACCGCACCAAGAAGCAGCAGCTGCTGAGGCTGGCAAGGAGGAGGTGAGCCGGCAG
 GAGCTGAGGCAGCGGGTGCATGGCTGACAACGAGGTATGGACGCCTTTCGCAAGATC
 ATGGCTGCCCGGCAAGAAGCGGACTCCACCAAGAAAAGAAAAGGACCAGGCCTGGAAG
 ACTCTGAAGGAGCGTGAGAGCATCTGAAGCTGTGGATGGTAGCCCTCACCCCTGCCT
 CAGGCTGATTATCTGGCCTAGGGGAGGGGAAGGGAGGCCCACTTCTTCTTTGGGCACAG
 GAAACATTGGCCTGTGGCTGTCCCTCAAATGGCGGCAGTCTCTAGAGGGCCGTGGCCCTT
 CCCCTGAGGTCTTTTGGCCTAGCTCTGTACAACAGGACACAGGAAGCCCTGCTGGGCTA
 GCCTGAGGCTTAGTCTCTGCTTGGTCCCCGAGATGGGGTTGGAGGGGACTTCGTTTCTGG
 GTCTTCTCTTCCCTCTTTACCATCCCCACTCCCTAATCCCTACCCCTGTCTCCCT
 TCAAGGACTTCTCCCTTGTGTTTTGTAAGTGCAAAACCTAAGAATAAAGTGACTGCTGT
 GTTTTTCAAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006354 unedited
 GATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGCCCTAGAGAACGAG
 GACTCTGAAGGCGGGACATTTGGGCGACCCCGGGCGGGGCCAGCCATTAACAGTCCCA
 TTCTGTGCCAGACACTGAACTGGGCTTTGACGGGCATCATCTCTTAATCCTCAGAACA
 TCCAGGGAGCTCCACAGGATCCCCATATCCTGGGCCATGAGTGAGTTGAAAGACTGCC
 CTTGCACTTCCACGACTTCAAGTCTGTGGATCACCTGAAGGTCTGTCCCCGTACACGGC
 AGTGTGGCAGCTCTGAGGATGATGGCATCGGCATCGAGGAGCTGGACACCCTGCAGCT
 GGAGCTGGAGACCCTGCTGTCTTCTGCCAGCCGGCGCCTGCGTGTGCTTGGAGCCGAAAC
 CCAGATCCTCACGACTGGCAGGATAAAGAAAGGTGACAGACGATTCTGAAGCTGGGTGCG
 AGACCATGAACTTGGAGCTCCCCCAACATGGGAAGCCCAAGAAGCAGAAAAGTGAAGG
 GAAGGCAGGACATGGGCCGGGCCCTGGCCAGGACGGCCAAATCCAAAAACCTTACGCC
 CAAGATCCAGGAATATGAATCACTGATGACCCTATCGAGCTGCCACGGATCCCCAAAAA
 TGATGCCCAACAGGTTCTGGGCTTCAAGTGGAGCCCTACTGTGCTGACATCACAGCGA
 GGNAGGTCGACACTTGAAGGAGNNTACTGAAGCCCCAGAAGATGAGGCTGAGCATT
 CAAGAATCCACCCCTGGGAAGCACTACTCCAGCGCTGGGCCAGGAGGACTGCTGGN
 AGAGCANAAGGATGGGGCCNCGCANCGGCTTGTGCTGACAAAAAAGGCTNTATGGGC
 CCTGACCGACTGGACCTAAAGATGGGATGCCTGCTG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006354 unedited CTTGAACCGCGGCCGCATCTAAATCGAGTTTTTTTTTTTTTTTTTTTTTTTGGAAAAACCCAGCAG TCACTTTATTCTCTAAGTTTGCACCTTTACAAAACCACAAGGGAGAAGTCCTCTGAAGGGG AGACAGGGGTAGGGGATTAGGGAGTGGGGGATGGTAAAGAGGGGAAGAGGAAGACCCATA AACGAAGTCCCCTCCAACCCATCTCGGGACCAAGCAGAGACTATGCCTCAGGCTAGCC CAGCAGGGCTTCTGTGTCCCTGGTTGTACAGAGCTAGGCCAAAAGACCTCAGGGGAAGGG CCGAGCCCTCTATAGACTGCCGCCATTTGAGGGACAGCCACAGGCCAATGTTTCCTGTG CCCAAAGAAGGAAGTGGGCCTCCCTTCCCTCCNCTAGCCAGATAATCACCCCTGAGGCA GGGGTGAGGGCTACCCATCCAGCAGCTTCAAGATGCTCTCACGCTCCTTCAGAGTCTTCC AGGCCTGGCCCTTTTCTTCTTGGTGCGAGTCCGCTTTTTCTGCCCCCGCCCTGATCCT GCGAAAGCGTGCCTGACCTCGTTGTACCCCTGCGCCCCCCTGCCACAACCTCTGCCG CCCCACCCCTTGGCATCCCTCTCCAGGTCCCTTTTTCGTTCCNTTGTGCGCC CTCTGGCCCTCCCTCTCCCCCTTCCCAATTCTCCACCGGCCCTCATCCCCGG GTCCTTTGGTGTGCGGCTTCTCCCACTCGCCCTCGCGCCCTTTTCTTCTCTTC CCCCTTCCCCCCCCCATCTCTCCCGCCCCCTGGCCTCCCTCTCCCTCCCTCA AGAGGTCCCCCCCCCTCTCCCTCTTTCCCTCCCCCTCTCCCCCCCCCCCCCCCC TCGTCGGGGCGTAGTTTTCTTCCCTATCTCACTCCCCCCCCCTCTCCCTTTCCGTCTCC CCATATTCCTCCCCACCTCTTTCCACTCCCCCCCCCA
Restriction Sites:	NotI-NotI
ACCN:	NM_006354
Insert Size:	1860 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:	NM_006354.2 , NP_006345.1
RefSeq Size:	2245 bp
RefSeq ORF:	1299 bp
Locus ID:	10474
UniProt ID:	O75528
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 (1) encodes the longer protein. Variants 1 and 3 encode the same isoform (a).