

TADA3 cDNA

Catalog Number: ATGD0381

PRODUCT INFORMATION

Catalog number

ATGD0381

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006345.1

Alternative Names

ADA3, hADA3, NGG1, STAF54, TADA3L

mRNA Refseq

NM_006354.3

OMIM

602945

Chromosome location

3p25.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1299bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

TADA3 cDNA

Catalog Number: ATGD0381

Transcriptional adapter 3 isoform a, also known as TATD3, is a subunit of 2 histone acetyltransferase complexes. TATD3 is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. In addition, it associates with the tumor suppressor protein p53 and is required for full activity of p53 and p53-mediated apoptosis. Alternate splicing results in multiple transcript variants of TADA3.

DATA

Sequence nucleotides

```
ATGAGTGAGTTGAAAGACTGCCCCTTGCAAGTCTGTGGATCACCTGAAGGTCTGTCCCCGCTACACG
GCAGTGCTGGCACGCTCTGAGGATGATGGCATCGGCATCGAGGAGCTGGACACCCTGCAGCTGGAGCTGGAGACCCTGCT
GTCTTCTGCCAGCCGGCGCCTGCGTGTGCTTGAGGCCGAAACCCAGATCCTCACCGACTGGCAGGATAAGAAAAGGTGACA
GACGATTCTGAAGCTGGGTGCGAGACCATGAACTTGGAGCTCCCCCAACATGGGAAGCCCAAGAAGCAGAAACTGGAA
GGGAAGGCAGGACATGGGCCGGGCCCTGGCCCAGGACGGCCCAATCCAAAAACCTTCAGCCCAAGATCCAGGAATATGA
ATCACTGATGACCCTATCGACGTGCCACGGATCCCCAAAAATGATGCCCCAACAGGTTCTGGGCTTCAGTGGAGCCCTA
CTGTGCTGACATCACCAGCGAGGAGGTCCGCACACTTGAGGAGTTACTGAAGCCCCCAGAAGATGAGGCTGAGCATTACAA
GATCCCACCCCTGGGGAAGCACTACTCCCAGCGCTGGGCCAGGAGGACCTGCTGGAGGAGCAGAAGGATGGGGCCCGG
GCAGCGGCTGTGGCTGACAAGAAGAAAGGCCTCATGGGGCCACTGACCGAACTGGACACTAAAGATGTGGATGCCCTGCT
GAAGAAGTCTGAGGCCCAGCATGAACAGCCGGAAGATGGATGCCCCCTTGGTGCCCTGACGCAGCGCCTCCTGCAGGCCC
TGGTGGAGGAAAATATTATTTCCCCTATGGAGGATTCTCCTATTCCTGACATGTCTGGGAAAGAATCAGGGGCTGACGGGG
CAAGCACCTCCCCTCGCAATCAGAACAAGCCCTTCAGTGTGCCGCATACTAAGTCCCTGGAGAGCCGCATCAAGGAGGAGC
TAATTGCCCAGGGCCTTTTGGAGTCTGAGGACCGCCCCGCAGAGGACTCCGAGGATGAGGTCCTTGCTGAGCTTCGCAAAC
GGCAGGCTGAGCTGAAGGCACTTAGTGCCCAACAACCGCACCAAGAAGCACGACCTGCTGAGGCTGGCAAAGGAGGAGGT
GAGCCGGCAGGAGCTGAGGCAGCGGGTGCGCATGGCTGACAACGAGGTCATGGACGCCTTCGCAAGATCATGGCTGCC
CGGCAGAAGAAGCGGACTCCCACCAAGAAAGAAAAGGACCAGGCCTGGAAGACTCTGAAGGAGCGTGAGAGCATCCTGAA
GCTGCTGGATGGGTAG
```

Transaction Sequence

```
MSELKDCPLQ FHDfKSVDHL KVCPRYTAVL ARSEDDGIGI EELDTLQLEL ETLSSASRRLRVLEAETQI LTDWQDKKGD
RRFLKLGRDH ELGAPPKHGK PKKQKLEGKA GHGPGPGPRPKSKNLQPKI QEYEFTDDPI DVPRIPKND PNRFWASVEP
YCADITSEEV RTLEELLKPPEDAEHYKIP PLGKHYSQRW AQEDLLEEQK DGARAAAVAD KKKGLMGPLT
ELDTKDVDALLKSEAQHEQ PEDGCPFGAL TQRLLQALVE ENIISPMEDS PIPDMSGKES GADGASTSPRNQNKPFVPH
TKSLESRIKE ELIAQGLLES EDRPAEDSED EVLAELRKRQ AELKALSAHNRTKKHDLRL AKEEVSRLQEL RQRVRMADNE
VMDAFRKIMA ARQKRTPTK KEKDQAWKTLKERESILKLL DG
```