

Product datasheet for **SC303033**

ADA2a (TADA2A) (NM_001488) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADA2a (TADA2A) (NM_001488) Human Untagged Clone
Tag:	Tag Free
Symbol:	TADA2A
Synonyms:	ADA2; ADA2A; hADA2; KL04P; TADA2L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303033 representing NM_001488. Blue=Insert sequence Red=Cloning site Green=Tag(s)

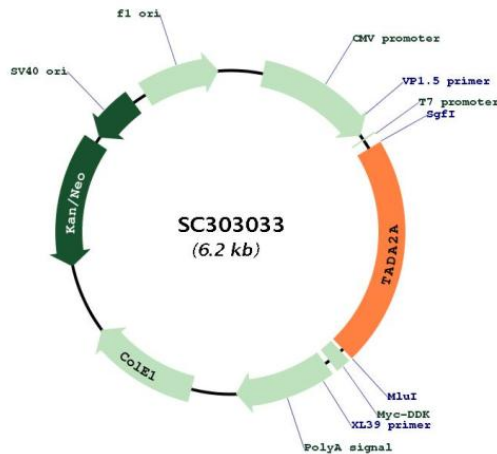
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCGTTTGGGTTCCCTTAGCAATGATCCCTCTGATAAGCCACCTTGCCGAGGCTGCTCCTCTAC
CTCATGGAGCCTTATATCAAGTGTGCTGAATGTGGCCACCTCTTTTTCTCTGCTTGCAAGTGTTC
ACTCGAGGCTTTGAGTACAAGAAACATCAAAGCGATCATACTTATGAAATAATGACTTCAGATTTTCT
GTCCTTGATCCCAGCTGGACTGCTCAAGAAGAAATGGCCCTTTAGAAAGCTGTGATGGACTGTGGCTTT
GGAAATTGGCAGGATGTAGCCAATCAAATGTGCACCAAGACCAAGGAGGAGTGTGAGAAGCACTATATG
AAGCATTTTCATCAATAACCTCTGTTTGCATCTACCCTGCTGAACCTGAAACAAGCAGAGGAAGCAAAA
ACTGCTGACACAGCCATTCCATTTCACTCTACAGATGACCTCCCGACCTACCTTTGACTCCTTGCTT
TCTCGGGACATGGCCGGGTACATGCCAGCTCGAGCAGATTTTCATTGAGGAATTTGACAATTATGCAGAA
TGGGACTTGAGAGACATTGATTTTGTGAAGATGACTCGGACATTTTACATGCTCTGAAGATGGCTGTG
GTAGATATCTATCATTCCAGGTTAAAGGAGAGACAAAGACGAAAAAAATTAAGAGACCATGGATTA
ATCAACCTTAGAAAGTTTCAATTAATGGAACGGCGGTATCCCAAGGAGGTCCAGGACCTGTATGAAACA
ATGAGGCGATTTGCAAGAATTGTGGGCGCAGTGGAAATGACAAATTCATTGAAAGCCATGCATTGGAA
TTTGAACCTCCGAAGGAAATCAAGAGGCTCCAAGAATACAGGACAGCAGGCAATACCAATTTTGTAGT
GCCAGAACCTACGATCACCTCAAGAAGACACGGGAGGAAGAGCGCCTTAAACGCACTATGCTCTCAGAA
GTTCTCCAGTATATCCAGGACAGTAGTGCTTGCCAGCAGTGGCTCCGCCGGCAAGCTGACATTGATTCC
GGCCTGAGTCTTCCATTCCAATGGCTTGAATTCAGGTAGACGAGTGCACCACCTTGAACCTCACT
GGCCTCCCTGGCAGAGAAAGCTGAATGAAAAAGAAAAGGAGCTCTGTCAGATGGTGAAGTTGGTCCCT
GGAGCCTATTTAGAAATACAAATCTGCTCTATTGAACGAATGTAACAAGCAAGGAGGCTTAAGACTGGCG
CAGGCAAGAGCACTCATCAAGATAGATGTGAACAAAACCCGAAAATCTATGATTTCTCATCAGAGAA
GGATACATCACTAAAGGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
```



View online »

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001488

Insert Size: 1332 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).

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_001488.4](#)

RefSeq Size: 1886 bp

RefSeq ORF: 1332 bp

Locus ID: 6871

UniProt ID: [O75478](#)

Cytogenetics: 17q12

Protein Families: Transcription Factors

MW: 51.5 kDa

Gene Summary: Many DNA-binding transcriptional activator proteins enhance the initiation rate of RNA polymerase II-mediated gene transcription by interacting functionally with the general transcription machinery bound at the basal promoter. Adaptor proteins are usually required for this activation, possibly to acetylate and destabilize nucleosomes, thereby relieving chromatin constraints at the promoter. The protein encoded by this gene is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. Several alternatively spliced transcript variants encoding different isoforms of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Oct 2009]
Transcript Variant: This variant (1) is the predominant transcript and encodes the longest isoform (a). Variants 1 and 3 both encode the same isoform (a).