

Product datasheet for **SC126323**

ADA2a (TADA2A) (NM_133439) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ADA2a (TADA2A) (NM_133439) Human Untagged Clone
Tag: Tag Free
Symbol: ADA2a
Synonyms: ADA2; ADA2A; hADA2; KL04P; TADA2L
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_133439 edited
 GTCTCGGCGAGGGAGTCATCAAGCTTTGGTGTATGTGTTGGCCGTTCTGAAGTCTTGAA
 GAAGCTCTGCTGAGGAAGACCAAAGCAGCACTCGTTGCCAATTAGGGAATGGACCGTTG
 GGTTCCCTTTAGCAATGATCCCTCTGATAAGCCACCTTGCCGAGGCTGCTCCTCCTACCTC
 ATGGAGCCTTATATCAAGTGTGCTGAATGTGGCCACCTCCTTTTTCTCTGCTTGCAAG
 TGTTTCACTCGAGGCTTTGAGTACAAGAAACATCAAAGCGATCATACTTATGAAATAATG
 ACTTCAGATTTTCTGTCCTTGATCCCAGCTGGACTGCTCAAGAAGAAATGGCCCTTTTA
 GAAGCTGTGATGGACTGTGGCTTTGGAAATTGGCAGGATGTAGCCAATCAAATGTGCACC
 AAGACCAAGGAGGAGTGTGAGAAGCACTATATGAAGTATTCATCAATAACCCTCTGTTT
 GCATCTACCCTGCTGAACCTGAAACAAGCAGAGGAAGCAAAAACCTGCTGACACAGCCATT
 CCATTTCACTCTACAGATGACCCTCCCCGACCTACCTTTGACTCCTTGCTTTCTCGGGAC
 ATGGCCGGGTACATGCCAGCTCGAGCAGATTTCAATTGAGGAATTTGACAATTATGCAGAA
 TGGGACTTGAGAGACATTGATTTTGTGAAGATGACTCGGACATTTTACATGCTCTGAAG
 ATGGCTGTGGTAGATATCTATCATTCCAGGTTAAAGGAGAGACAAAGACGAAAAAATTT
 ATAAGAGACCATGGATTAATCAACCTTAGAAAATTTCAATTAATGGAACGGCGGTATCCC
 AAGGAGGTCCAGGACCTGTATGAAACAATGAGGCGATTTGCAAGAATTGTGGGGCCAGTG
 GAACATGACAAATTCATTGAAAGCCATGCATGTAGGTGGTTTTTGAGCCTTGAGCAGTAT
 TTGTGTGTATATTTATATAAATAGGAGAGATAATGGTGTGTTTTATGTGAAGTTCTAT
 AAATAAATAAATGGATATTTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_133439 unedited GTTCAAATATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGTCTCG GCGAGGGAGTCATCAAGCTTTGGTGTATGTGTTGGCCGGTTCTGAAGTCTTGAAGAAGCT CTGCTGAGGAAGACCAAAGCAGCACTCGTTGCCAATTAGGGAATGGACCGTTTGGGTTCC TTTAGCAATGATCCCTCTGATAAGCCACCTTGCCGAGGCTGCTCCTACCTCATGGAG CCTTATATCAAGTGTGCTGAATGTGGGCCACCTCCTTTTTCTCTGCTTGCAGTGTTC ACTCGAGGCTTTGAGTACAAGAAACATCAAAGCGATCATACTTATGAAATAATGACTTCA GATTTTCCTGTCTTGATCCCAGCTGGACTGCTCAAGAAGAAATGGCCCTTTTAGAAGCT GTGATGGACTGTGGCTTTGGAAATTGGCAGGATGTAGCCAATCAAATGTGCACCAAGACC AAGGAGGAGTGTGAGAAGCACTATATGAAGTATTCATCAATAACCCTCTGTTTGCATCT ACCCTGTGAACCTGANACAAGCAGAGGAAGCAAANACTGCTGACACAGCCATTCCATTT CACTCTACAGATGACCCTCCCCGACCTACCTTTGACTCCTTGCTTTCTCGGGACATGGCC CGGTACATGCCAGCTCGAGCAGATTTTCATTGAGGAATTTNGACATTATGCAGAATGGGAC TTGAGAGACATTGATTTTGGTGAAGATGACTCGGACATTTTACATGCTCTTGAGATGGCT GTGGTAGATATCTATCATTCCCAGGTTAAAGGAGAGACCAAGACGAAAAAAATNTTAG AGACCCTGGATTNAATCACCNNTTAGAAAGATTCCATTTAATGGAACCGGGGTATCCCAA GGAGGTCCANGAACTGTTTGGAAAACATGAGGCGAATTGCAAGAATGGTGGGGCCT
Restriction Sites:	Please inquire
ACCN:	NM_133439
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_133439.2 , NP_597683.2
RefSeq Size:	1327 bp
RefSeq ORF:	918 bp
Locus ID:	6871
UniProt ID:	O75478
Cytogenetics:	17q12
Protein Families:	Transcription Factors

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 (2) represents an alternate transcript termination and polyadenylation site compared to variant 1. This results in a shorter isoform (b) which has a distinct C-terminus compared to isoform a. Variants 2 and 4 both encode the same isoform (b).