

Product datasheet for **SC317675**

ADA2 beta (TADA2B) (NM_152293) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADA2 beta (TADA2B) (NM_152293) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADA2 beta
Synonyms:	ADA2(beta); ADA2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317675 representing NM_152293. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCGGAGCTGGGAAGAAGTACTGCGTGTACTGCCTGGCCGAGGTGAGCCCGCTGCGCTTCCGCTGC
ACCGAGTGCCAGGACATCGAGCTGTGCCCGAGTGCTTCTCGGCCGGCGCCGAGATCGGCCACCAACCGC
CGCTACCAACGGCTACAGCTGGTGGACGGCGGGCGCTTACGCTCTGGGGGCCGAGGCCGAGGGCGGC
TGGACCACTCGCAGGAGCAGCTGCTGCTGGACGCCATCGAGCAGTTCGGCTTCGAAACTGGGAAGAT
ATGGCTGCCACGTTGGTCTTCCCGACTCCCCAAGAGGTGATGGAGCATTACGTGAGCATGTACATC
CACGGGAACCTGGGAAGGCCTGCATCCCCGACACCATCCCCAACCGGTGACAGACCACACCTGTCCC
AGCGGAGGCCCTCTCACCAGCCTCACCAACCCGCTGCCCCCGCTGGACATCTCTGTGGCTGAGCAG
CAGCAGCTGGGCTACATGCCGCTGCGGGATGATTACGAGATCGAGTATGACCAGGATGCCGAGACGCTC
ATCAGCGGGCTCTCTGTCAACTATGATGACGACGAGTGGAGATCGAGCTGAAGCGCGCCACGTGGAC
ATGTACGTGCGGAAGCTGAAAGAGAGACAGCGCGGAAGAATCGCCCGTGACTACAATCTGGTGCCA
GCCTTCTGGGAAGGACAAGAAGGAGAAGGAAAGGCGCTGAAGCGCAAGATCACCAAGGAGGAGAAG
GAGCTGCGCTGAAGCTGAGGCCGCTGTACAGTTCATGTCATGCAAGGAGTTTGATGACCTTTTGAA
AACATGCACAAAGAAAAATGCTCCGGGCCAAGATCCGAGAACTGCAGCGGTACCGCGAAACGGGATC
ACCAAGATGGAAGAGTCGGCAGAGTACGAGGCAGCGCGCATAAACGGGAGAAGAGGAAGGAGAACAA
AACCTAGCCGGCTCCAAACGGGGAAAGGAGGACGCAAGACAGCGAGTTCGCCGCATTGAGAACCTT
CCAGGCTTCGAGCTCCTGTCAGATCGCGAGAAGGTGCTCTGCAGCTCTTTAAACTTGAGTCCAGCCGC
TACGTGACTGTGAAGACTATTATAATTAAGACCACCTCCAGAAGCGGCAAGGAATCCCCTCCAAAAGC
CGCCTTCTAGCTACCTGGACAAAGTCCTAAAGAAAAGGATTTTGAATTCCTACAGAAAGCGGCTGG
ATCTCCAGGGACGCGTCT**TGA**
AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_152293
Insert Size:	1263 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:	<u>NM_152293.2</u>
RefSeq Size:	4312 bp
RefSeq ORF:	1263 bp
Locus ID:	93624
UniProt ID:	<u>Q86TJ2</u>
Cytogenetics:	4p16.1
MW:	48.5 kDa
Gene Summary:	TADA2B functions as a transcriptional adaptor protein that potentiates transcription through coordination of histone acetyltransferase (HAT) activity and by linking activation factors to basal transcriptional machinery (Barlev et al., 2003 [PubMed 12972612]).[supplied by OMIM, Apr 2010]