

Product datasheet for **RC204585**

TADA1L (TADA1) (NM_053053) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TADA1L (TADA1) (NM_053053) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TADA1L
Synonyms:	ADA1; hADA1; HFI1; STAF42; TADA1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204585 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACCTTTGTGAGCGAGCTGGAGGCGGCCAAGAAGAACTTAAGCGAGGCCCTGGGGACAACGTGA
 AACAACTACTGGGTAACCTAAAGCTGTGGTTCAAGCAGAAGATCAGCAAAGAGGAGTTTGACCTTGAAGC
 TCATAGACTTCTCACACAGGATAATGTCCATTCTACAATGATTTCTCCTGGCCATTCTCACGCGTTGT
 CAGATTTTGGTTTCTACACCAGATGGTGTGGATCTTTGCCTTGGCCAGGGGTTCCGCAGCAAAACCTG
 GAAAACCAAGGAAAGAAAAAGCTTTCTCTGTCGTCAGAAATTTGATCATAGATTCCAGCCTCAAAA
 TCCTCTCTCAGGAGCCCAGCAATTTGTGGCAAAGGATCCCCAAGATGATGACGACTTGAAACTTTGTTC
 CACACAATGATGCTTCCCACTCGAGGCCAGCTTGAAGGGAGAATGATAGTGACTGCTTATGAGCATGGGC
 TGGACAATGTCACCGAGGAGGCTGTTTCAGCTGTTGTCTATGCTGTGGAGAATCACCTTAAAGATATACT
 GACGTCAGTTGTGTCAAGAAGGAAAGCTTATCGGTTACGAGATGGTCATTTTAAATATGCCTTTGGCAGT
 AACGTGACCCCGCAGCCATACCTGAAGAATAGTGTAGTAGCTTACAACAACCTTAATAGAAAGCCCTCCAG
 CTTTTACTGCTCCCTGTGCTGGTCAGAAATCCAGCTTCTACCCACCCCTGATGATGCTGAGCAGCAGGC
 TGCACTCCTGCTGGCATGCTCCGAGACACTCTACCTGCATCTTTGCCTCCGGTGAACATGTACGATCTT
 TTTGAAGCTTTGCAAGTGCACAGGGAAGTCATCCCTACACATACTGTCTATGCTCTTAACATTGAAAGGA
 TCATCACGAAACTCTGGCATCCAAATCATGAAGAGCTGCAGCAAGACAAAGTTTACCGCCAGCGCTTGGC
 AGCCAAGGAGGGGCTTTTGTGTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC204585 protein sequence
 Red=Cloning site Green=Tags(s)

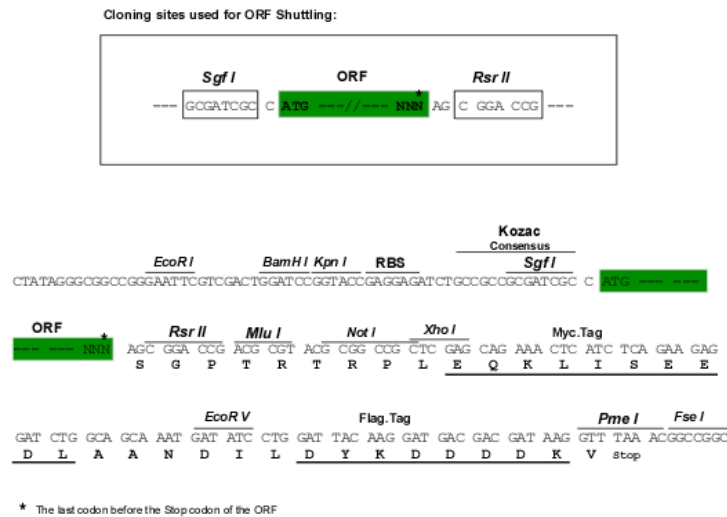
MATFVSELEAAKKNLSEALGDNVKQYWANLKLWFKQKISKEEFDLEAHRLLTQDNVHSHNDFLLAILTRC
 QILVSTPDGAGSLPWPGGSAAPGKPKGKKLSSVRQKFDHRFQPQNPLSGAQQFVAKDPQDDDLKLC
 HTTMLPTRGQLEGRMIVTAYEHGLDNVTEEAHSVAVVYAVENHLKDILTSVVSRRKAYRLRDGHFKYAFGS
 NVTPQPYLKNSVVAYNNLIESPPAFTAPCAGQNPASHPPDDAEQQAALLLACSGDTLPASLPPVNMYYDL
 FEALQVHREVIPHTVYALNIERIITKLWHPNHEELQQDKVHRQRLAAKEGLLLC

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6749_c07.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_053053

ORF Size: 1005 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_053053.4](#)

RefSeq Size: 2276 bp

RefSeq ORF: 1008 bp

Locus ID: 117143

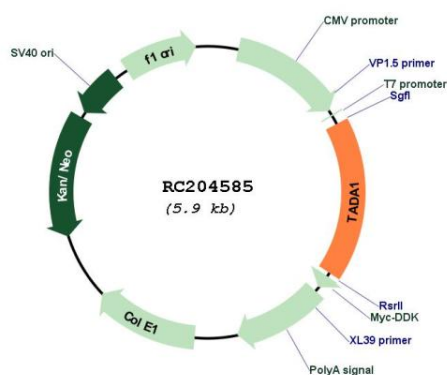
UniProt ID: [Q96BN2](#)

Cytogenetics: 1q24.1

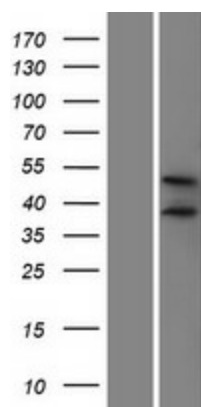
MW: 37.4 kDa

Gene Summary: TADA1L is a protein subunit of the human STAGA complex (SPT3; (MIM 602947)/TAF9 (MIM 600822)/GCN5 (MIM 602301) acetyltransferase complex), which is a chromatin-modifying multiprotein complex (Martinez et al., 2001 [PubMed 11564863]).[supplied by OMIM, Apr 2009]

Product images:



Circular map for RC204585



Western blot validation of overexpression lysate (Cat# [LY409313]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204585 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).