

Product datasheet for **MG206501**

Tada3l (BC032195) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tada3l (BC032195) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tada3l
Synonyms:	1110004B19Rik; ADA3; AI987856; Tada3l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206501 representing BC032195 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGAGCTGAAGGACTGTCCACTGCAGTTTCATGACTTCAAGTCTGTGGACCACCTGAAGGTCTGTC
CCCCTACACGGCAGTGTGGCCCGCTCCGAGGACGATGGCATTGGCATTGAGGAGCTGGACACCCTGCA
GCTGGAGCTTGAGACTCTGCTGTCTCTGCAAGCCGGAGACTGCGTGTGCTGGAAGCTGAAACCCAGATC
CTTACTGACTGGCAGGATAAGAAAGGGGACCGACGATTCTGAAGCTAGGTGCGGACCACGAGCTCGGTG
CTCCCCCAAACACGGAAAGCCCAAGAAGCAGAACTGGAAGGGAAGACAGGACATGGGCCAGGCCCTGG
CCGGGACGACCCAAATCCAAAAACGTCCAACCAAGATCCAGGAATATGAATTTACTGATGACCCAATC
GACGTGCCTCGGATCCCCAAGAATGATGCTCCCAACAGTTCTGGGCCTCTGTGGAGCCCTATTGTGCCG
ACATCACCAGTGAGGAGATTCACCCCTAGGGAACACTACTCCCAGCGCTGGGCCAGGAGGATCTGCT
GGAGGAGCAGAAGGACGGCGCTCGGGCAGCAGCTGTGGCTGACAAGAAGAAAGGCCTCATAGGACCACTG
ACAGAAGTGGACACAAAAGATGTGGATGCCCTGCTGAAGAAGTCTGAGGCCCAGCATGAACAGCCAGAAG
ACGGGTGTCCCTTTGGAGCCCTGACACAGCGCTGCTGCAGGCCCTAGTGAGGAAAAATATTATCTCCCC
TATGGAGGACTCCCCTATTCTGACATGTCTGGAAAGAGTCAGGGCAGATGGAGCGAGCACCTCCCCG
CGCAATCAGAACAAGCCTTTCAGTGTGCCACATACCAAGTCCCTGGAGAGCCGCATCAAGGAGGAGCTGA
TTGCCAGGGCCTCCTGGAGTCTGAGGACCGGCCCGGAGGACTCAGAGGACGAGGTCTTGCTGAGCT
GCGCAAACGCAAGCTGAGCTGAAAGCACTCAGTGCACACAACCCACCAAGAAGCATGACCTGCTGAGG
CTGGCAAAGGAGGAGGTGAGCCGGCAGGAGCTAAGGCAGCGGGTCCGCATGGCCGACAACGAAGTCATGG
ATGCCTTCCGGAAGATCATGGCTGCCCGCAGAAAGCGCACCCCTACAAAGAAGGAAAAGGACCAGGC
CTGGAAGACCCTGAAGGAGCGGGAAGCATCCTGAAGCTCTAGACGGG

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206501 representing BC032195
 Red=Cloning site Green=Tags(s)

MSELKDCPLQFHDFKSV DHLKVCPRYAVLARSEDDGIGIEELDTLQLELETLSSASRRLRVLEAETQI
 LTDWQDKKGD RRFLKLRDHELGAPPKHGKPKKQKLE GK TGHGPGPGPRPKSKNVQPKIQEYEF TDDPI
 DVPRIPKNDAPNRFWASVEPYCADITSEEIPPLGKHYSQRWAQEDLLEE QKDGARAAAVADKKKGLIGPL
 TELDTKDVDALLKKSEAQHEQPEDGCPFGAL TQRLLQALVEENIISPMEDSPIPDMMSGKESGADGASTSP
 RNQNKPFVSPHTKSLESRIKEELIAQGLLESEDRPAEDEVLAELRKRQAE LKALSAHNRTKKHDLRL
 LAKEEVS RQELRQVRMADNEVMDAFRKIMAA RQKKRTPTKKEKDQAWKTLKERESILKLLD G

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC032195

ORF Size: 1239 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.

RefSeq: [BC032195.1](#)

RefSeq Size: 1725 bp

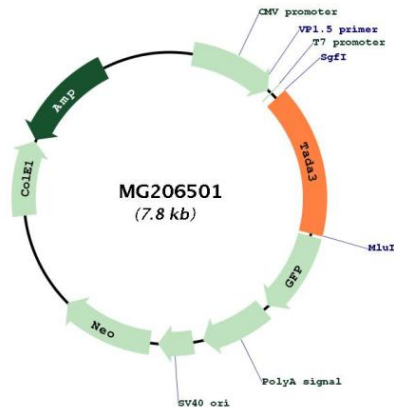
RefSeq ORF: 1241 bp

Locus ID: 101206

Cytogenetics: 6 E3

Gene Summary: Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex. Also known as a coactivator for p53/TP53-dependent transcriptional activation (By similarity). Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG206501