

## Product datasheet for **MG202807**

### Tada3l (BC022707) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tada3l (BC022707) 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:** >MG202807 representing BC022707  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGGAGGATCTGCTGGAGGAGCAGAAGGACGGCGCTCGGGCAGCAGCTGTGGCTGACAAGAAGAAAG  
GCCTCATAGGACCACTGACAGAAGTGGACACAAAAGATGTGGATGCCCTGCTGAAGAAGTCTGAGGCCCA  
GCATGAACAGCCAGAAGACGGGTGTCCCTTTGGAGCCCTGACACAGCGCCTGCTGCAGGCCCTAGTGGAG  
GAAAATATTATCTCCCTATGGAGGACTCCCTATTCTGACATGTCTGGAAAGAGTCAGGGCCAGATG  
GAGCGAGCACCTCCCGCAATCAGAACAAGCCTTTTCAGTGTGCCACATACCAAGTCCCTGGAGAGCCG  
CATCAAGGAGGAGCTGATTGCCAGGGCCTCCTGGAGTCTGAGGACCGCCCGCGGAGGACTCAGAGGAC  
GAGGTCCTTGCTGAGCTGCGCAAACGGCAAGCTGAGCTGAAAGCACTCAGTGCACACAACCGCACCAAGA  
AGCATGACCTGCTGAGGCTGGCAAAGGAGGAGGTGAGCCGGCAGGAGCTAAGGCAGCGGGTCCGCATGGC  
CGACAACGAAGTCATGGATGCCTTCCGGAAGATCATGGCTGCCCGGCAGAAGAAGCGCACCCCTACAAAG  
AAGGAAAAGACCAGGCCTGGAAGACCTGAAGGAGCGGAAAGCATCCTGAAGCTCCTAGACGGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202807 representing BC022707  
 Red=Cloning site Green=Tags(s)

MQEDLLEEQKDGARAAAVADKKKGLIGPLTELDTKDVDALLKKSEAQHEQPEDGCPFGALTQRLQLALVE  
 ENIISPME DSPIPMSGKESGADGASTSPRNQNKPFVSPHTKSLESRIKEELIAQGLLESDRPAE DSED  
 EVLAELRKRQAE LKALSAHNRTKKHDLRLAKEEVS RQELRQRVRMADNEVMDAFR KIMAARQKKRTP TK  
 KEKDQAWKTLKERESILKLLDG

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC022707

**ORF Size:** 698 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:** [BC022707](#), [AAH22707](#)

**RefSeq Size:** 1290 bp

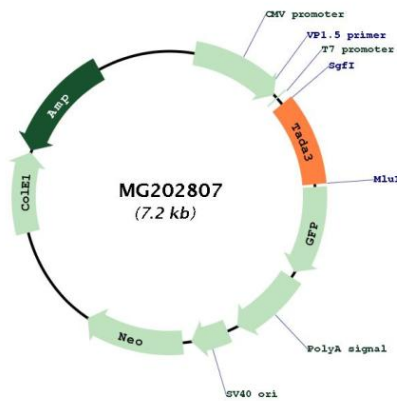
**RefSeq ORF:** 698 bp

**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 MG202807