

Product datasheet for MR202807

Tada3l (BC022707) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tada3l (BC022707) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tada3l
Synonyms:	1110004B19Rik; ADA3; AI987856; Tada3l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202807 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGAGGATCTGCTGGAGGAGCAGAAGGACGGCGCTCGGGCAGCAGCTGTGGCTGACAAGAAGAAAG
GCCTCATAGGACCACTGACAGAAGTGGACAAAAAGATGTGGATGCCCTGCTGAAGAAGTCTGAGGCCCA
GCATGAACAGCCAGAAGACGGGTGTCCCTTTGGAGCCCTGACACAGCGCCTGCTGCAGGCCCTAGTGGAG
GAAAATATTATCTCCCTATGGAGGACTCCCTATTCTGACATGTCTGGAAAGAGTCAGGGCCAGATG
GAGCGAGCACCTCCCGCAATCAGAACAAGCCTTTCAGTGTGCCACATACCAAGTCCCTGGAGAGCCG
CATCAAGGAGGAGCTGATTGCCAGGGCTCCTGGAGTCTGAGGACCGCCCGCGGAGGACTCAGAGGAC
GAGGTCCTTGCTGAGCTGCGCAAACGGCAAGCTGAGCTGAAAGCACTCAGTGCACACAACCGCACCAAGA
AGCATGACCTGCTGAGGCTGGCAAAGGAGGAGGTGAGCCGGCAGGAGCTAAGGCAGCGGGTCCGCATGGC
CGACAACGAAGTCATGGATGCCTTCCGGAAGATCATGGCTGCCCGGCAGAAGAAGCGCACCCCTACAAA
AAGGAAAAGGACCAGGCCTGGAAGACCTGAAGGAGCGGAAAGCATCCTGAAGCTCCTAGACGGG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202807 protein sequence
 Red=Cloning site Green=Tags(s)

MQEDLLEEQKDGARAAAVADKKKGLIGPLTELDTKDVDALLKKSEAQHEQPEDGCPFGALTQRLQLALVE
 ENIISP MEDSPI PDMSGKESGADGASTSPRNQNKPF SVPHTKSLESRIKEELIAQGLLESDRPAEDSED
 EVLAELRKRQAE LKALS AHNRTKKHDLRLAKEEVS RQELRQRVRMADNEVMDAFRKIMAARQKKRTPTK
 KEKDQAWKTLKERESILKLLD G

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC022707

ORF Size: 696 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

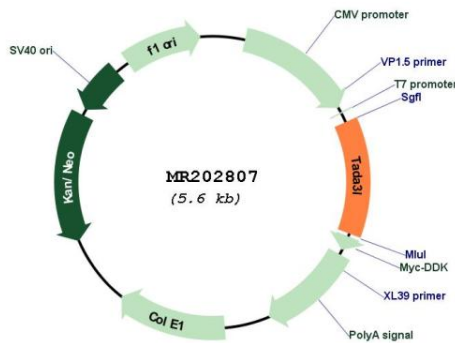
Locus ID: 101206

Cytogenetics: 6 E3

MW: 26.1 kDa

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 MR202807