

Product datasheet for **RN213222**

Tada3 (NM_001025734) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tada3 (NM_001025734) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tada3
Synonyms:	Tada3l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213222 representing NM_001025734
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGAAGTGAAGGACTGCCATTGCAGTTTCATGACTTCAAATCTGTGGACCACATGAAGTCTGTG
 CCCGGTACACAGCAGTGTCTGGCCGCTCCGAGGACGATGGCATTGGCATCGAGGAGCTGGACACCCTGCA
 GCTGGAGCTTGAGACCCTGCTGTCTCTGCAAGCAGGCGACTGCGTGTACTGGAAGCTGAAACGCAGATC
 CTTACTGACTGGCAGGATAAGAAAGGTGACAGGCGAATTCGAAGCTTGTCTGAGACCATGAGCTTGGTG
 CCCCTCCAAAACATGGGAAGCCCAAGAAGCAGAACTGGAAGGGAAGACAGGACATGGGCCAGGCCCTGG
 CCCAGGACGACCCAAATCCAAAATGTTCAACCCAAGATCCAAGAATATGAATTTACTGATGACCCAATC
 GATGTGCCTCGGATCCCCAAGAACGATGCTCCCAACAGGTTCTGGGCCTCTGTGGAGCCCTATTGTGCTG
 ACATCACCAGTGAGGAGTACGAACACTAGAGGAGCTCCTGAAGCCCCCTGAAGATGAAGCTGAACATTA
 TAAGATCCCCACTAGGAAACACTACTCCCAACGCTGGGCCAGGAGGATCTGCTAGAGGAGCAGAAG
 GATGGGGCTCGAGCAGCAGCTGTGGCTGACAAGAAGAAAGGCCTCATAGGACCGCTGACAGAAGTGGACA
 CAAAAGATGTGGATGCCCTGCTGAAGAAGTCTGAGGCCAGCATGAACAGCCAGAAGACGGGTGTCCCTT
 TGGTGCCTGACACAGCGCTGCTGAGGCCCTAGTGGAGGAAAATATTATTTCCCTATGGAGGACTCT
 CCGATACCTGACATGTCTGGAAAGAATCAGGGGCTGATGGAGCAAGCACCTCCCCCGCAATCAGAACA
 AACCTTTCAGTGTGCCACATACCAAGTCTTGGAGAGCCGCATCAAGGAGGAGCTGATTGCCAGGGCT
 ACTGGAGTCCGAGGACCGGCTGCTGAGGACTCAGAGGATGAGGTCTCGCTGAGCTGCGCAAACGGCAG
 GCTGAGCTGAAGCGCTCAGTGACACAACCGCACCAAGAAGCATGACCTGCTGAGTTGGCAAAGGAGG
 AGGTGAGCCGGCAGGAGCTGAGACAGCGGTCGCGATGGCAGACAAATGAGGTCATGGATGCCTTCCGCAA
 GATCATGGCTGCACGGCAGAAGAAGCGTACCCCAACAAGAAGGAAAGGACCAGCCCTGGAAGACCCCTG
 AAGGAGCGGGAGAGCATCCTGAAGCTCCTAGACGGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001025734

Insert Size: 1299 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).

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: [NM_001025734.1](#), [NP_001020905.1](#)

RefSeq Size: 2000 bp

RefSeq ORF: 1299 bp

Locus ID: 362414

UniProt ID: [Q4V8F5](#)

Cytogenetics: 4q42

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]