

Product datasheet for RC228183

TATDN3 (NM_001146170) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TATDN3 (NM_001146170) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TATDN3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC228183 representing NM_001146170
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGAGCGGCTGGCGTAGGCTTGGTGGACTGTCACTGCCACCTCTCCGCCCGGACTTTGACCGCGATT
 TGGATGATGTGTGGAGAAAGCCAAGAAGGCCAATGTTGTGGCCCTTGTGGCAGTTGCCGAACATTCAGG
 AGAATTTGAAAAGATTATGCAACTTTCAGAAAGGTATAATGGGTTTGTCTGCCATGCTTGGGTGTTTCA
 CCAGTTCAAGGACTTCCACCAGAAGACCAAGAAGTGTCACTAAAGGTTGGACTAGATTTCTCCCCCA
 GATTTGCTGGCACTGGTGAACAGAAGGAAGAGCAAGACAAGTCTAATCAGACAGATCCAGTTAGCCAA
 AAGACTAAATTTGCCTGTAATGTGCACTCACGCTCTGCTGGAAGACCTACCATCAACCTTTTACAAGAG
 CAAGGTGCTGAGAAGGTACTGCTGCATGCATTTGATGGTCCGATCTGTAGCCATGGAAGGAGTAAGAG
 CTGGGTAATTTCTCAATTTCCCTTCTATCATAAGAAGTGGACAGAAGCAGAACTTGTGAAACAATT
 GCCTTTAACTTCTATATGCTTAGAAACAGATTCACCTGCACTAGGACCAGAAAAACAGGTACGGAATGAG
 CCCTGGAACATTTCTATTTCCAGCAGAATATATTGCCAGGTGAAAGGGATCTCAGTGAAGAAGTTATAG
 AAGTGACGACACAGAATGCATTAATAACTGTTTCCTAAGCTCCGACTTGTCTCCAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228183 representing NM_001146170
 Red=Cloning site Green=Tags(s)

MRAAGVGLVDCHCHLSAPDFDRDLDDVLEKAKKANVVALVAVAEHSGFEKIMQLSERYNGFVLPCLGVH
 PVQGLPPEDQRSVTLKVGLDFSPRFAGTGEQKEEQRQVLRQIQQLAKRLNLPVNVHSRSAGRPTINLLQE
 QGAEKVLHLHAFDGRPSVAMEGVRAGYFFSIPPSIIRSGQKQKLVKQLPLTSICLETDSPALGPEKQVRNE
 PWNISISAEYIAQVKGISVEEVIEVTTQNALKLFPKLRHLLQK

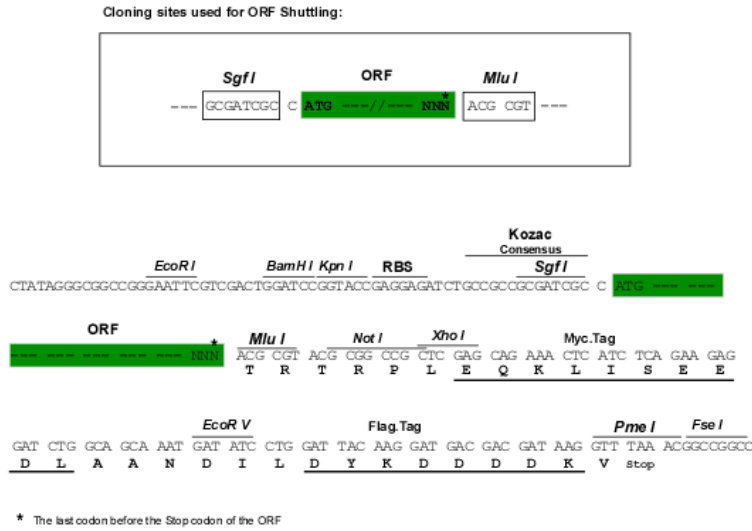
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



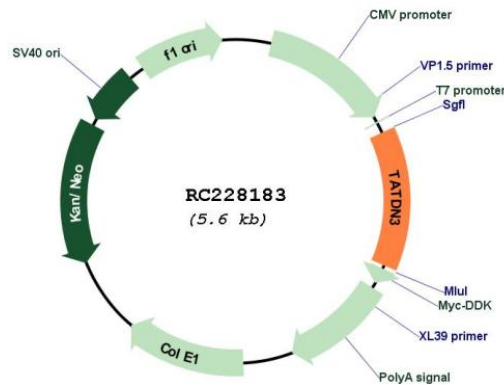
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001146170

ORF Size: 759 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:	<ol style="list-style-type: none">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:	<u>NM_001146170.1, NP_001139642.1</u>
RefSeq ORF:	762 bp
Locus ID:	128387
UniProt ID:	<u>Q17R31</u>
Cytogenetics:	1q32.3
MW:	27.8 kDa
Gene Summary:	Putative deoxyribonuclease.[UniProtKB/Swiss-Prot Function]