

## Product datasheet for MR204084

### Tatdn1 (BC061187) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tatdn1 (BC061187) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tatdn1
Synonyms:	2310079P03Rik; CDA11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204084 representing BC061187 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTCTCTCAAGTTCGTGGATATTGGCATCAACCTGACAGATCCTATGTTTCAGAGGAATTTATAGGG  
GGGTGCAGAAGCATCAAGATGACTTACAAGATGTAATAGAGAGAGCTATCCAGATTGGTGTAAAAAGTT  
TATGATCACAGGTGGAAGTCTCCAAGACAGTAAAGATGCACTGCAGTTGGCACAAACAAATGACATGTTT  
TTCAGTACAGTGGGTGTCACCCACGAGATGTGATGAGTTTGAGAAGGGTAGCCCTGATCAGTACTTAG  
CAGGATTGCTGAGCCTTGCTGAGAACAACAAGGAAAAGTTGTTGCAATAGGAGAATGTGGACTTGATTT  
TGACCGACTTCAGTTTTGTCCAAAGATACTCAACTCAAATATTTGAAAAACAATTTGAACTGTCAGAA  
CAAACACAATTACCAATGTTTCTTCATTGTGCAATTCACATACTGAGTTTTTAGATATTATGAGAAGAA  
ATAGAGACCGGTATGTGGGTGGAGTGGTCCATTCGTTTGATGGCACGAAGGAAGCAGCAGCTGCTTTGGT  
TGACTTGGGCCTTTATATAGGATTTAATGGTTGCTCTCTGAAAACGAAGCTAAGTGAAGTTCTGAAG  
TCAATACCTAGTAAAACTAATGATTGAGACAGATGCACCTGGGTGGAGTTAAAAAGTACACATGCTG  
GATCAAAATACATAAACACTTCATTTCTACCAAAAAGAAATGGGAAAACGGGCACTGCTTAAAAGATAG  
AAACGAGCCCTGCCACATCATTCAAATATTGGAGATAATGTCAGCAGTCAGAGAAGAAGACCCACTGGAA  
TTGGCCAAACAGCTCTATAACAACACCATTAAAGTGTTTTTTTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204084 representing BC061187  
 Red=Cloning site Green=Tags(s)

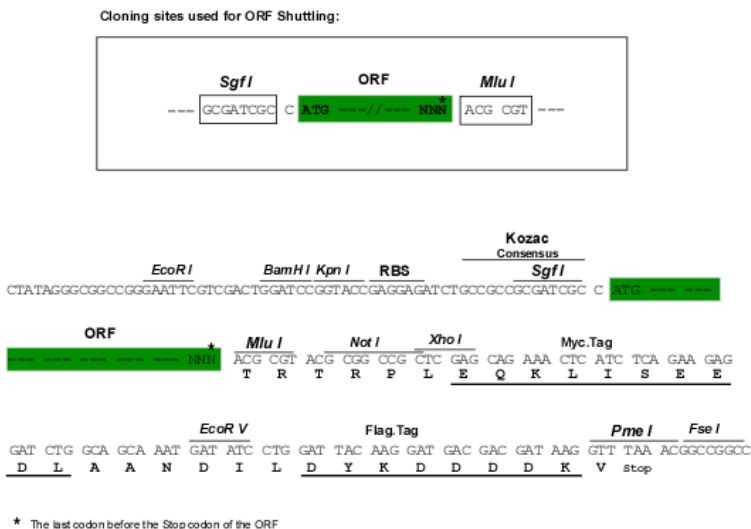
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MSLFKFDVIGINLTDPMFRGIYRGVQKHQDDLQDVIERAIQIGVKKFMITGGSLQDSKDALQLAQTNDMF
FSTVGGCHPTRCDEFEKSPDQYLAGLLSLAENNKGVVAIGECGLDFDRLQFCPKDTQLKYFEKQFELSE
QTQLPMLFLHCRNSHTEFLDIMRRNRDRYVGGVVHVSFDGTKEAAAALVDLGLYIGFNGCSLKTEANLEVLK
SIPSEKLMIEDAPWCGVKSTHAGSKYINTSFPTKKKWWENGHCLKDRNEPCHIIQILEIMSAVREEDPLE
LANTLYNNTIKVFFS
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9060\\_d03.zip](https://cdn.origene.com/chromatograms/mm9060_d03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC061187

**ORF Size:** 885 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:** [BC061187.1](#)

**RefSeq Size:** 944 bp

**RefSeq ORF:** 887 bp

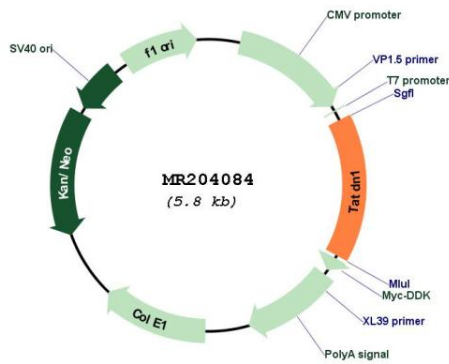
**Locus ID:** 69694

**Cytogenetics:** 15 D1

**MW:** 33.4 kDa

**Gene Summary:** Putative deoxyribonuclease.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR204084