

Product datasheet for **RN206063**

Tatdn2 (NM_001109252) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tatdn2 (NM_001109252) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tatdn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206063 representing NM_001109252

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

 ATGGCGTCGGAACGGCGCAAGGTCAAGTATCACTGGGCGAGCACGTGGAAGGGTGTCCAGCAAGCGCA
 GCCGCCCCGGGAGCCCCGCAATGTGGCCCCCTCAGCCGGCCAGGTTCGAGGTTTGCCTCGCGTCTCTCG
 AGGGGCCAGCAGCCCCAGCGTCTGAAAGTCCGGCGCGGGGACGATGTGGCCCGCGCGCTCGGAGCTCA
 GCGCGTCGCGCACCTCTCTTCTCTCTGTTGTCTCTCTTCTTCTCGGGCTCAGGTGCGGGTGGGGCCG
 CATCCCCCTGGCTTCTGTCTGCGAGCCCTCGCAGATTACTTACGTCCAAAGGATCCTCTCTGCACCTGCG
 CCACTCTCCCTAGAAGAAATGGCTTCTCTGCGGAAGGAAGCTTGTAGCGTGAAGGTTGATTCTAAAGAT
 AGTTCTTGTGCTCTACGAAGTCTGAATTTTCAACAGAAGCTGAGGGTCAGAGTGATGCTATGGAGGAAC
 CCAGCAAGTTCAGAAAAGGAAGAAGGACAGGCTTCAAGACCAGGGTTCAAGAATGATCTACCTGAAGGC
 CATCCAGGGCATCTGGGGAAGTCGATGCCAAGAGGAAGGGAGAGGCTGCCACCACTCAGGGGAAGGCA
 GGCTTGGGAGAGTATTCTAACCAGGAAGGACCAATCAAGAAGGTGAAGGACCAGCCAGGAGTGTGGAAG
 GACCGACCAAGGAGCCAGGAAGAACTGGTCAAGAGCATAGAAGAAGGACCAAGTTCGGAAGGTTACAGTTAC
 TGTTCCTCAGAAAGAGGAGTTCGATACAAAGGTTAGGGTGGAGAAGGAAGAGTCTACGCTAGACAGGAAT
 AGCTTTTGTGACAGAAGAGTGATTGTAGATTCTGTGAAGAAAAGTGTAGGAACTGCTTGGTGACCGAA
 GGACAGTCATCGACAAACCTCTCCAGCCCTAGAAATTTTGTAACTCTGACTCTCATGAAGGTGTTCA
 AAAGCACACAGACAGAGAGGTGGTGTAGGAGTATCCCTCTCAGGGAGCGACTGGTCGGATGTGGATGAG
 CTGGCCACTGTGAGGTTCTCCCAAGAGGAACCTGTCTCACTGAAGTACTCAGCAGTTCAGAGTCATCTT
 CCTTCCCAACTGACTATGTTATGTACCTCTCATTTGTATAGTAGCCCTGGTGTGACTATGCTAGCTA
 TTGGACTAGCAGCCATAAGACACCTGGTTATCCATTGGTGAATCCAGCAGCCGTGACTCAGCACAGGCT
 GAGAAGAGCAGCCAGGATCGTCTGAGTGTCTCACTCCTCAAGTCCACAGTGAGTACCCAGAGCATCTCCA
 AAGGGTTGGACATTTCCCATAAAGTAGGTCCCAGAATCCCCTCACTTCAGTTCTCCAGAAGCATAGA
 GGAGAAGGAGGTGAAGGGGAAGAGGGCATTCCAAGAGGAGACCACTTCATCACACCAGAGAACACACA
 TCTAGCTCTTTGCCAAGGAGCCACCGGGAGCTGAGCCTGGAAGAGGGCTTCATTGATACCACTGTCATC
 TGGACATGCTCTACTCAAGCTGTCTTTCAAGGGGACCTTACAAAGTTCAGAAAGATGTATAGTAGCTC
 CTTCCCTAAGGAGTTTCAAGGCTGCATCTCTGACTTCTGTGATCCAAGGACACTGACTGATGGCCTATGG
 GAGGAACCTCTGAAAGAAGATCTGGTTTGGGGAGCCTTTGGCTGTCAACCTCATTTTGCACGATACTATA
 ATGAGAGTCAAGAAAGAAAGCTTTTGCATGCCTTACGCCACCCCAAGGCTGTGGCATTGGGGGAGATGGG
 CCTGGACTACTCTCACAAGTGCACCACACCAAGTTCGGAGCAGCACCAGGTGTTTGAGAGGCAGTTGCAG
 CTGGCTGTGTCTCTGAAGAAGCCCTTGGTAATTCAGTCCCGTGAAGCTGATGAAGATTTGTTGGACATCA
 TGAAAAAATTTGTGCCCTCTGACTACAAGATCCATAGGCACTGCTTCACTGGCAGCTACTCAGTCATCGA
 GCCCTTGTGAAGTACTCCCTAACATGTCGGTGGGCTTCACAGCAGTGGTGACCTACTCTTCCGCCTGG
 AAGGCTCGGGATGCCATCAGACAGATCCCGTTGGAGAGGATCATTGTGGAACAGATGCACCCTACTTTC
 TCCCTCGCCAGGTGCCGAGAAGTCTTTGCCAGTATGCCATCCAGGCTTGGCCTTGACACAGATTCGAGA
 GATTGCCAGGGTCAAAGAGGAGTCACTTTCCACACTCTGTGGTCTCCGAGAGAACACCAAGTCGCCTC
 TACAGTCTT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001109252

Insert Size:

2322 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:	<u>NM_001109252.1, NP_001102722.1</u>
RefSeq Size:	2875 bp
RefSeq ORF:	2322 bp
Locus ID:	500295
Cytogenetics:	4q42