

Product datasheet for **MC221137**

Tatdn2 (NM_001033463) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tatdn2 (NM_001033463) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tatdn2
Synonyms:	A1646012; mKIAA0218
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC221137 representing NM_001033463
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCGGAGCGGCGCAAGGTCAAGTATCACTGGGGCAGCACGTCCGAAGGGTGTCCAGCAAGCGCA
GCCGCCCCGGGAGCCCCGCAATGTGGCCCCCTCAGCCGGCCAGGTTCGAGGTGTGCGTCGCGTCTCG
AGGGGCCAGCAGCCCCAGCGTCTGAAAGTCCGGCGCGGGGACGATGTGGCCCGCTCCTCGGAGCTCA
GTCCGCGCTCGCACCTCCTTCTCCTCTTCTCGTCTCTCTCTTCTGGGCTCAGGTGTGGGTGAGGCCG
CTTCCCCGGTTCCTGATTGCGAGCCCTCGGAGACTATTTACGTCCAAGGGTCCCCTCTGCACCTGC
CCACTCCTCTCTAGAAGAAATGGCTTCTCTACGGAAGGAAGCTTGTAGCGTTAAGGTTGATTCTAAAGAT
AGTTCTTGCCGCTCTACGAACTCTGAATTTGCAACAGAAGCTGAGGGTCAGAGTGATGCTATGGAGAAC
CCAACAAGTTCAGAAAAGGAAGAAGGACAGGCCCTCAAGACCAGGGCTCAAGAATGATCTACCTGAAGGC
CATCCAGGGCATCTGGGGAAGTCAATGCCAAGAAGAAGGGAGAAGCTGCCACCACTCAGGGGAAGGCA
AGCTTGGGAGACTGTCTAATCAGGAAGGACCAAGCAGGAAGGTGGAAGGACCAAGCAAGAAGGTGGGAG
GACCAGCCAGGAGCAGGGACGGACCGTCCAGGAGTGGGGAAGGACGGTCCAGGAGCCGGGAAGAAGTGGT
CAAGAGCGTTGAGGAGGGACAGCTGCAAAGGTTACAGTTACTGTTTCTCAGAAAAGAGTCCACATACG
AAGCACACAGACAGAGAGGTGGTGTATGGAGCATCCCTCTCAGGGAGTGACTGGTCAGATGTGGATGAGC
TGGCCACTGTGAGGTTCTCCAAGAGGAACCTGTCCCCTGAAATACTCAGCAGTTTCAGAACTCCTCTTC
CTTCCCCACTGACTGTGAATGTACCCTCCTCATTGTATAGTAGCCATGGTGTGACTATGCCAGCTAC
TGGACTAGCAGCCATAAGACACCTGGTTATCCATTAGTGGATCCAGCAACCATGACTCGGCACAGGGCTG
GGAAGAGCAGCCAGGATCTTCTGAGTGTCACTCCTCCAAGTCCCAGAGCATCTCCAAGGCCTAGACAT
TGCCAGGAAGGTAGGTTCCAGAATCCCACTCACTTCGGTTCTCCAGAAGCACAGAGGAGGAGGAGGTG
AAGGGGAAGAGGACATTCGAAGAGGAGACCACTTCACCACACCAAGAGAACACACATCCAGCTCTTTGC
CAAGGAGCCACAGAGAGCTGAGCCTGGAAGAGGGCTTCATCGATACCACTGTCTCTAGACATGCTCTA
CTCCAAGCTGTCTTTCAAGGGGACCTTTACAAAGTTCAGAAAGATTTATAGCAGCTCCTTCCCTAAGGAG
TTTCAAGGCTGCATCTCTGACTTCTGTGATCCAAGGACTGACTGATGGCCTATGGGAGGAACTTCTGA
AAGAAGATCTGGTTTGGGGGGCTTTGGCTGTCACCTCATTTCACGATACTATAATGAGAGTCAAGA
AAGAAAGCTTTTGCATGCCTTACGCCACCCCAAGGCTGTGGCATTGGGGAAATGGGGCTGGACTACTCT
CACAAGTGTACTACTCCAGTTCCTGAACAGCACCAGGTGTTGAGAGGCAGCTGAAGCTGGCTGTGTCTC
TGAAGAAGCCCTTGGTCATTCAGTCCGCTGAAGCTGATGAAGATTTGTTGGATATCATGAGAAAATTTGT
GCCCTCTGACTACAAGATCCATAGGCACTGCTTCACTGGCAGCTACTCAGTCATTGAGCCCTTGTGGAAG
TACTTCCCTAACATGTCCGTGGGCTTACAGCAGTGCTGACCTACTTCCGCTGGGAGGCTCGGGATG
CCCTTAGACAGATCCCGTTGGAGAGGATCATTGTGAAACAGACGCACCCCTACTTCTCCCTCGCCAGGT
GCCGAGAAGTCTTTGCCAGTATGCTCATCCAGGCTTGGCCTTGCACACAGTTCGAGAGATTGCCAGGGTC
AAAGAGGAGTCACTTTCCCACTCTGTGAGTTCAGAGAGAACTTGTCCGCTCTACAGTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001033463

Insert Size:

2169 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:	<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_001033463.3</u> , <u>NP_001028635.2</u>
RefSeq Size:	2646 bp
RefSeq ORF:	2169 bp
Locus ID:	381801
Cytogenetics:	6 52.83 cM