

Product datasheet for **MC228669**

Dtna (NM_001285810) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dtna (NM_001285810) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dtna
Synonyms:	2210407P21Rik; a-DB-1; adbn; Dtn; DTN-A; Gm19389
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228669 representing NM_001285810
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATTGAAGATAGTGGAAAAAGAGAAACACCATGGCAGAAAGAAGACAGCTGTTTGCAGAGATGAGGG
 CTCAAGATCTGGATCGCATCCGACTCTCCACCTACAGAACAGCATGCAAGCTGAGATTTGTGCAGAAGAA
 ATGCAATTTGCACCTGGTGGACATTTGGAACGTCATTGAAGCATTGCGCGAAAAACGCTTTGAATAACCTG
 GACCCAAACATAGAACTCAACGTGGCCCGCCTGGAGGCGGTGCTCTCCACTATTTTTTACCAGCTCAACA
 AGAGGATGCCAACCACTACCAAATCCACGTGGAGCAGTCCATCAGTCTCCTGCTGAACTTCTGCTCGC
 AGCCTTTGACCCGGAAGGCCATGGAAAAATCTCAGTATTTGCTGTCAAAATGGCTTTGGCTACATTGTGT
 GGAGGAAAGATCATGGACAAGTTAAGATATATTTTCTCAATGATCTCTGACTCCAGTGGAGTGATGGTAT
 ATGGAAGATATGACCAATTCCTTCGGGAAGTTCTCAAACCTACCCACAGCAGTTTTTGAAGGTCCTTCATT
 TGTTTACACAGAACAGTCAGCCAGATCCTGTTTCTCCCAACAGAAAAAGGTCACCTTAAATGGCTTCTTG
 GACACGCTCATGTGACACCTCCTCCACAGTGCCTGGTATGGCTGCCTCTTCTGCACCGACTGGCAAATG
 TAGAAAAATGTCTTCCATCCAGTTGAGTGTCTCTACTGTACAGTGAGAGCATGATGGGATTTTCGATACCG
 ATGTCAACAGTGTCACACTACCAGCTTTGCCAGGACTGCTTCTGGAGGGCCATGCAGGAGGTTCTCAT
 AGCAACCAGCACCAATGAAGGAGTATACGTCTGGAAATCACCTGCTAAGAAGCTAACGAATGCATTA
 GCAAGTCCCTGAGCTGTGCTTCAAGCCGTGAACCTTTGCACCCCATGTTCCAGACCAGCCTGAAAAGCC
 ACTCAACTTGGCTCACATCGTTGATACTTGGCTCCGAGACCTGTAACCAGCATGAACGACACACTCTTT
 TCCCCTCTGTTCCCTCCTCAGGAAGTCCTTTCATCACCAGGAGTATGCTTGAGAGTTCAAACCGGCTTG
 ATGAAGAACACAGGCTGATCGCCAGGTACGCCGACGACTGGCAGCAGAATCCTCCTCATCACAGCCAC
 ACAGCAGAGGAGTGCCCTGACATCTCCTTACCATCGATGCAAATAAACAGCAAAGGCAGCTGATTGCA
 GAGCTAGAGAACAAGAACAGAGAAATCTTACAAGAGATTGAGAGACTTCGGGTAGAACATGAGCAAGCTT
 CCCAGCCACGCCAGAGAAAGCTCAGCAGAACCAACCTTGTGGCAGAACTCCGGCTCCTCAGACAGCG
 AAAGGATGAGCTAGAACAGAGAAATGTCTGCTCTCCAGGAGAGCCGGAGAGAGCTGATGGTCCAGTTGAA
 GGTCTCATGAAGCTCCTGAAGACCCAGGGGCAAGCTCCCACGCTCTTCCCCAGCCACACCATCAGCA
 GGCCGATCCCCATGCCATCCGTTCCAGCATCTGCTGTCCACACCAACGCACACCCCGCAGGACTCCCT
 CACTGGGTAGGCGGAGATGTGAAGAGGCGTTTGCACAAAGTTCGAGAAGGAATCTAAGGAGTGACCTG
 CTGGTGGCTGCAGACTCCATACCAATACCATGCTCTCTGGTGAAGGAGCTGAATTCAGAGGTGGCGA
 GTGAAACAGAAAGTACTGTGGATTCCGAGTTCTCGAGACTCAGTTTGAGGATCTGGCTCCATCACCGAC
 CTCTGAGAAGGCTTTTCTAGCCCAAATCCACTCCCGAAACCTGGGTACATTACGGTGGAGCTGCAAGT
 ACCACGCATGGTACATGGTCCCGGAAGATGGGGATCCTTACACGCAACCCGAGGATGGCAATTATGAGA
 ACGAGTCTGTGCGGCAGCTGGAGAATGAGCTGCAGCTGGAGGAGTACCTGAAGCAGAAGCTGCAGGACGA
 GGCCTACCAGGTCAGCTTGAAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001285810

Insert Size: 2058 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
RefSeq:	NM_001285810.1 , NP_001272739.1
RefSeq Size:	6219 bp
RefSeq ORF:	2058 bp
Locus ID:	13527
UniProt ID:	Q9D2N4 , Q3UHP1 , Q3UHJ2
Gene Summary:	<p>Involved in synapse maturation and required for normal muscle function.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, 3' UTR and has multiple differences in the coding region compared to variant 1. The resulting protein (isoform c) maintains the reading frame, and is shorter compared to isoform a. Variants 3 and 4 encode the same protein.</p>