

Product datasheet for **MC206018**

Dtna (NM_207650) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dtna (NM_207650) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dtna
Synonyms:	2210407P21Rik; a-DB-1; adbn; Dtn; DTN-A; Gm19389
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC040364
 AGAAACTGGAAGCCGGGTTTTAACTCCTGTCTCTCCCTAGAATTTGAGAATTGGTTATGATCTCAGGG
 GTAATTAGACAATTGGCTAAATCTGTTCTCCCATGAACGTGATAGCAATCACTGTGTGCTCTAGATGAAC
 TGGAACTAAAAAGGTTGAAGAAAGGATGCTGTACCTGGTCCAGGATAAATAGGATTTACAAGCCCTTGG
 AGCACCTGAGAAGTCTTCAAATGCCACAGTCAGCTGCTATTTCAAAGAAAAAAAATAGATGGTTCTGGA
 AAGTCCATGCTGTCTCTCATTGAATTTTGAATGATTGAAGATAGTGGAAAAAGAGGAAACACCATGGC
 AGAAAGAAGACAGCTGTTTGCAGAGATGAGGGCTCAAGATCTGGATCGCATCCGACTCTCCACCTACAGA
 ACAGCATGCAAGCTGAGATTTGTGCAGAAGAAATGCAATTTGCACCTGGTGGACATTTGGAACGTCATTG
 AAGCATTGCGCGAAAAACGCTTTGAATAACCTGGACCCAAACATAGAACTCAACGTGGCCCGCTGGAGGC
 GGTGCTCTCCACTATTTTTACCAGCTCAACAAGAGGATGCCAACCACTACCAAATCCACGTGGAGCAG
 TCCATCAGTCTCCTGCTGAACTTCTGCTCGCAGCCTTTGACCCGGAAGGCCATGAAAAATCTCAGTAT
 TTGCTGTCAAATGGCTTTGGCTACATTGTGTGGAGGAAAGATCATGGACAAGTTAAGATATATTTTCTC
 AATGATCTCTGACTCCAGTGGAGTGATGGTATATGGAAGATATGACCAATTCCTTCGGGAAGTTCTCAA
 CTACCCACAGCAGTTTTTGAAGTCTTCAATTTGGTTACACAGAACAGTCAGCCAGATCTGTTTCTCCC
 AACAGAAAAAGGTCACCTTAAATGGCTTCTTGGACACGCTCATGTGACACCTCTCCACAGTGCCTGGT
 ATGGCTGCCTCTTCTGCACCGACTGGCAAATGTAGAAAATGTCTCCATCCAGTTGAGTGTCTCTACTGT
 CACAGTGAGAGCATGATGGGATTTCCGATACCGATGTCAACAGTGTCACACTACCACTTTGCCAGGACT
 GCTTCTGGAGGGGCCATGCAGGAGGTTCTCATAGCAACCAGCACCAAATGAAGGAGTATACGTCGTGGAA
 ATCACCTGCTAAGAAGCTAACGAATGCATTAAGCAAGTCCCTGAGCTGTGCTTCAAGCCGTGAACCTTTG
 CACCCCATGTTCCAGACCAGCCTGAAAAGCCACTCAACTTGGCTCACATCGTGCCTCCGAGACCTGTAA
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 GCTTGAGAGTTCAAACCGGCTTGATGAAGAACACAGGCTGATCGCCAGGTACGCCGACGACTGGCAGCA
 GAATCCTCTCATCACAGCCACACAGCAGGAGGTGCCCTGACATCTCCTTACCATCGATGCAAAATA
 AACAGCAAAGGCAGCTGATTGCAGAGCTAGAGAACAAGAACAAGAAATCTTACAAGAGATTGAGAGACT
 TCGGGTAGAACATGAGCAAGCTTCCAGCCACGCCAGAGAAAGCTCAGCAGAACCAACCTTGGCTGGCA
 GAACTCCGGCTCCTCAGACAGCGAAAGGATGAGCTAGAACAGAGAATGTCTGCTCTCCAGGAGAGCCGGA
 GAGAGCTGATGGTCCAGTTGGAAGGTCTCATGAAGCTCCTGAAGACCCAGGGGGCAAGCTCCCCACGCTC
 TCCCCACGCCACACCATCAGCAGGCCGATCCCCATGCCATCCGTTTCCAGCATCTGCCTGTCCCACACCA
 ACGCACACCCCGCAGGACTCCCTCACTGGGGTAGGCGGAGATGTGCAAGAGGCGTTTGCACAAAGTTCGA
 GAAGGAATCTAAGGAGTGACCTGCTGGTGGCTGCAGACTCCATACCAATACCATGTCCTCTCTGGTGAA
 GGAGCTGAATTCAGAGGTGGCGAGTGAAACAGAAAGTACTGTGGATTCCGAGTTCTCGAGACCTCAGTTT
 GAGGATCTGGCTCCATCACCACCTCTGAGAAGGCTTTTCTAGCCCAAATCCACTCCCGAAACCTGGGT
 ACATTCACGGTGGAGCTGCAAGTACCACGATGGTGACATGGTCCCGAAGATGGGGATCCTTACACGCA
 ACCCGAGGATGGCAATTATGAGAACGAGTCTGTGCGGCAGCTGGAGAATGAGCTGCAGCTGGAGGAGTAC
 CTGAAGCAGAAGCTGCAGGACGAGGCCTACCAGGTGAGCTTGAAGGTTGAATGCAATGCCCTTTTCTCA
 CTCTCCTCTCAAGCAAGCTATAGTCAGACAGATGAGGAAAGATACATGCCATCCGGTGGTGGAGAGAGCT
 GCACCCACCCGACAGAGAGGAGGAAGACTGCGGCCTGGAAGCAGCCTCCCGCTCGCTCGCTGGGAAAGAG
 GAGCCACCACCCAGCAGCTCCAACAACCCCTCCCTAAAGAAGTGTCTGACGCCTGTAGTGCAGCT
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 GTTCTTAGATAATTTATCAACTCCATCTTCTGTAACATGGCTCATCCCTGGTTCAAACAACACCCACA
 GGCTGAGAGCCTGCTGCTTTACACACAGGACAGCAGTATTAACGAGCATTTTAAACCTTTGCACACAAT
 ATTGAACCCGTTTCAAGTTTACAACGACAATATTAATACTGGTTTGTAGCTAGAATTTTCAATTTCTGGATCC
 TTTGAGATTTTAGCAAAGATGGTTTTTATTATACTATACTATATTTTCTCCACAGCAACTGGGAGGGAAAG
 GGGGGCAACAATCAATAAGGATTTGGATTTTGGAGTGTCCAACTCAGGACCCAGGAGCCAAGAAGGGT
 CCTTGGCCTACCCATGTCCCAAGTCCCTCTGAGAAATGATTAACCTACCAACAGGAATAATGGGCTCT
 TGGGGCTCCTTCCAAGTGGATTGTTTTCTTCAACATACTCTGACTCAGCCATAGAATTTAGTGTA
 ATACTTTTTCAAATAGATGTCATATTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_207650

Insert Size: 2049 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:	BC040364 , AAH40364
RefSeq Size:	3195 bp
RefSeq ORF:	2049 bp
Locus ID:	13527
Cytogenetics:	18 12.08 cM
Gene Summary:	<p>Involved in synapse maturation and required for normal muscle function.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, 3' UTR and lacks three in-frame exons in the coding region compared to variant 1. The encoded protein (isoform d) is shorter than isoform a. Variants 5 and 6 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>