

Product datasheet for **MC203546**

Dnase2b (NM_019957) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnase2b (NM_019957) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnase2b
Synonyms:	A1526873; Dlad; Dnasellb
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC075661
 GACCCGCAAGGGAGCCAACGCGGCCTGAGAAAGACCTGACACTCTGACTCCACAGTCCCCTGCATGGAAT
 GAAGGCCACAGATAGAAAATGACAGCAAAGCCTCTAAGAACAGTCTTTCTTTGCTCTTCTTTGCCCTCT
 CTGGGGTCTGGGGACACCAGAAATCTCATGCAGAAATGAATATGGTGAAGCTGTGGACTGGTTTATCTT
 TTATAAGTTACCCAAAAGGACTAGCAAGGCAAGTGAAGAGGCGGGGCTGCAGTACCTGTACCTGGACTCC
 ACAAGACAAAACCTGGAACAAGAGCCTCTACCTGATTAACAGCACCCAGGAGTGTCTGGGGAGGACCTTAC
 AGCATCTGTATGACACACATAAATCCACGAATGACACAGCCTATCTAATATACAACGATGGTGTCCCTGG
 ATCTGTGAATTACAGCAGACAGTATGGACATGCCAAAGGTCTGCTGGTATGGAACAGAACCGAGGGGTTT
 TGGCTGATACACTCTGTTCCCAAGTTTCCCCAGTTCATGGCTATGAGTACCCAACCTCGGGGAGGCGAT
 ATGGACAAAACCGCATCTGCATCACTTTTCGGATACAGCCAGTTTGAGGAAATAGATTTTCAGCTCTTGGT
 CTTACAACCAAACATCTACAGCTGCTTCATTCCAAGCACCTTTCACTGGAAACTTATCTACATGCCCCGG
 ATGTGTGCCAACTCCAGTTCCTTAAAGATCCCTGTCCGGTACCTCGTGAACCTGCACTCAGCCCAGGGTC
 TAAACTTCGTCCATTTTGCAAAATCAAGTTTTTATACTGATGACATCTTACAGGATGGATAGCTCAAAA
 GTTGAAGACACATTTGTTAGCACAAACCTGGCAGAAAAAGAAACAAGAGCTTCTTCAAACCTGTTCCCTG
 CCTTACCATGTCTACAACATCAAGTCCATTGGGGTAACTTCCAAGTCTTACTTCAGTTCTCGCCAAGACC
 ATTCCAATGGTGTGTTCCATAAAGGGCTCCGCAATCGCTGGACCTGCATTGGAGACCTAAATCGAAG
 CCTACACCAAGCCTTAAGAGGTGGAGGATTCATCTGTACAAGAATCACTACATTTACCAGGCATTTTCAT
 AATTATATCTCCGTTATGGGTTCTGTAAGTAACTCGGTGAAAGGCCACACCCTCTGTCCTTGAAAACA
 CTGGCACTGGAACATCTCGCCTTGGATCTGTTCTCCATAATTTCAAGGCTTCTGAGTGAGCACAACGTAG
 CGTCCAATAAAGCACTGTGAGCCACATTTACCTTCTATGTTCAAATCAAGAGAAATAGGAGTCATCT
 GCATGTATGGAATTAGAAATCAAATCATGATATGTAAGTAAATAGCACCAGGGGACAGAATACAATATTT
 TCCTCCAGTTAATTACCTTCAGTGGTCTGTCTGTGGATTAAGTTTCATCTCTCAGAAAGCAACCTGA
 CTGTCCTGTTTGAAGAAAATAAAGGTGCCCTCCTCCCCCTCCCCCTTTTCATACTCTTTGGCCATATG
 GGATATTCCCCATGAAGCCCTCCCCCGTGGTTATAGTTTAGTCTTGCACCTTTCAGGTGCTCCTT
 GCTGCTAATATATGCTCGAAGTCTTACTTGAGTTCTTTCAGTTTATTTTCAATTTTAACTACAACA
 GGGAGATCATATCTAAGCATGATATGAGTCAAGAAATCACAAGACTTGTGTTGCTTAACTAGACTATGGGAT
 GTGGGTTCCGAGTTCAAAGCTTAAAGAGTCAAGCAAAAGTCAACAGACAGGGAGTGGGCCCTGGGCTTAG
 TGACTGTGAAGCGTGCAATCCACACTCACAACCGCTCTCTTATTTAATCTTCATATCAGTTCTTTTTAG
 TGATAAGTGTCTGGTCCCCATTTACTGCCAAGTCAACGGAGGCTTAGAGAACTCCAAACACTTGCTTA
 GTATAATAGAGGTCTATTTGGCCTCTGAAGCTGTGCCCTTAACTGAATTTCCAGAAGACAGTAAAGGAAG
 TGATAAATATAGGATCATAACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_019957

Insert Size: 1065 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: [BC075661](#), [AAH75661](#)

RefSeq Size: 2087 bp

RefSeq ORF: 1065 bp

Locus ID: 56629

UniProt ID: [Q9QY48](#)

Cytogenetics: 3 H2

Gene Summary: Hydrolyzes DNA under acidic conditions. Does not require divalent cations for activity. Participates in the degradation of nuclear DNA during lens cell differentiation.
[UniProtKB/Swiss-Prot Function]