

Product datasheet for RN212127

Dnase2b (NM_021664) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnase2b (NM_021664) Rat Untagged Clone
Tag: Tag Free
Symbol: Dnase2b
Synonyms: Dlad; UOX
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212127 representing NM_021664
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAGCCAGCCTCTAAAAGCAGCTCTTCCTTTGCTCTTCGTTGCCCTGTCCGGAGTCCCTGGGGACAC
CAGTAATCTCGTGCATAAACGAAGATGGTAAAGCCGTGGACTGGTTTGCCTTTTATAAGTTACCCAGAAG
GACCAGCAGAGGAGGTACAGGGATGGGGCTGGATTACCTGTACCTGGACTCCACAATGAGAACCTGGAGC
AAGAGCCACCACCTGATTAACAGCAGCAGGAGCTCCCTGGGAAGGACCCTGGAGCAGCTGTATGAAGCAC
ACAATGCCAAGAATGACACAGCCTATCTGATATACAATGACGCTGTCCCTGCATCTGTGAATTACAGCGG
AAATTACGGGCATGCCAAAGGTCTGCTGGTATGGAACAGAGTGCAGGGGTTCTGGCTGATTCATTCTATT
CCCAAGTTTCCCCAGTTCGGAAAAAGGCTATGAATACCCAAGCTCGGGGAGGCAATATGCACAAAGTG
GCCTCTGCATCACTCTCAAATACAGCCAGTATGAGACAATAGATTCTCAGCTCTTGGTCTTCCAGCCAAA
CATCTACAGCTGTTTCATCCAAACATCTTTCGCTGGGAAGTCCACATGCCTCAGATGTGTGCCAAG
TCCAGTGCCTCAAAGATCCCTAGCCGGCGCCTCACTGTACTTCAGTCAGCCAGGGTCTAAACTTCTCTCC
ATTTTGCGAAATCAACTTTTTATACTGATGACATCTTTCAGCCTGGATAGCTCAAAGTGAAGGTGCA
TTTGCTGGTAGAATCCTGGCAGCGAAAGAACCAGGAGTTCCTTCAAAGTGTCCCTGCCTTACCATGTC
TACAACATCAAGGCCATTTCGGGGACCTCTGCAGTCCGACTTCCCTTCTCATCACGACCATTCCAAATGGT
GTGTTTCCACAAAGGACTCTCAGGCTCGCTGGACCTGTATTGGAGACCTAAATCGGAGCCACATCAAGC
CTTGAGAAGTGGAGGATTTATCTGTTTCAAGAATCGGTACATTTACCAGTCATTTGATAGTTAGTTTCC
CATTATGCCTCCTGTAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021664



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Insert Size:	1071 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_021664.1, NP_067696.1</u>
RefSeq Size:	1498 bp
RefSeq ORF:	1071 bp
Locus ID:	59296
UniProt ID:	<u>Q9QZK9</u>
Cytogenetics:	2q44
Gene Summary:	catalyzes the divalent cation-independent hydrolysis of DNA into oligonucleotides [RGD, Feb 2006]