

Product datasheet for **RN201942**

Dnmt3b (NM_001003959) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnmt3b (NM_001003959) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnmt3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201942 representing NM_001003959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGGAGACAGCAGACATCTTAATGAAGAAGAGGGTCTAGTGGGTATGAGGACTGTATCATTGTTA
 ATGGGAACGTAGTGACCAGTCCCTCGGACACGAAGGATGCTCCCTCACCCCAAGTCTTGGAGGCAATCTG
 CACAGAGCCAGTCTGTACACCAGAGACAGAGGCCGAGATCAAGCTCACGGCTGTCTAAGAGGGAGGTC
 TCCAGCCTTCTGAATTACACGCAGGACGTGGTAGGAGATGGAGATGGTGAAGCGGATGATGGAGATGGCT
 CTGATATTCTCATGATGCCAAAGCTCACCCGAGAGACCAAGGATGCCAGGACTCCCTCTGAAAGCCAGC
 CGTCCGAACCCGAAACAGCAACAGTATCTCCAGCCTGGAGAGGCAAGAAGCTCCCCAGAATCACGCGA
 GGCCGGCAGGGCCGCTACCAGTTCAGGAGTACCCCGTGGAGTTCACAGCTACCAAGTCTCGAGGGCCG
 GAGCATCGTCTTACAGCAAGCACGCCATGGTCATCCCTGCCAGCATCGAGCTCATGGAAGATGTGACACC
 TAAGAGCAGCAGTACGCCATCGTTGACTTGAGCCAGGACGGCCCTCAGGAGGGCATGGATGCCACACAG
 GTGGATGCGGAGAGCAGGGATGGTGACAGCACTGAGTATCAGGATGACAAGGAGTTTGAATAGGTGACC
 TTGTGTGGGAAAGATCAAGGGCTTCTCCTGGTGGCTGCCATGGTGGTGTCTGTGAAAGCCACCTCCAA
 GCGCCAGGCCATGCCCGAATGCGCTGGGTACAGTGGTTTGGCGATGGCAAGTTTTCTGAGATCGCTGCT
 GACAAGCTGGTGGCTCTGGGTCTGTTACGCCAGCACTTAATCTGGCCACCTTCAATAAGCTGGTTTCTT
 ATAGGAAGGCCATGTACCACACTCTGGAGAAAGCCATGGTGGAGCTGGCAAGACCTTCCCAGCCGCC
 TGGAGACTCACTGGAGGACCAGCTGAAGCCATGCTGGAGTGGGCCACGGGGCTTCAAGCCACTGGG
 ATCGAGGGCCTCAAACCAACAAGCAACCAGAGGTTTCATAAGTGAAGGTGCGTCGTTACAGGAGTA
 GAACTTAGAAGCCAGGAGACGCGAGAACAAAAGTCAAGAGCACAACCATTGACTTTGCCGCTTCTGA
 GTACTCCACACCCCTAAGCGCCTCAAGACAAATAGCTATGGTGGGAAGGACCGAGGGGAAGATGAGGAG
 AGCCGAGAACGGATGGCTTCTGATGTACTAACAACAAGGCAATCTGGAAGACCCTGTCTGCTCTGCG
 GTAAGAAGAACCCTGTGCTCTTCCACCCCTCTTTGAGGGTGGGCTGTGTCAGAGTTGCCGGATCGCTT
 CCTGGAGCTCTTCTACATGTACGATGAGGACGGCTATCAGTCTACTGCACCGTGTGCTGTGAGGGCCGT
 GAACTGCTTCTGTGAGTAACACAAGCTGCTGCAGGTGCTTCTGTGTGGAGTGTCTGGAGGTGCTGGTGG
 GTACAGGCACAGCGGAGGATGCCAAGCTGCAGGAACCCTGGAGTGTATATGTGCTCCCGCAGCGCTG
 CCATGGGGTCTGCGGCGCAGGAAGGACTGGAACATGCGCCTGCAAGACTTCTTCACTACTGATCCTGAC
 CTGGAAGAGTTTGAAGCCCAAGTTGTACCCAGCGATTCTGCAAGCAAAAGGAGGCCATTAGGGTCC
 TGTCCCTGTTGATGGAATTGCAACAGGGTACTTGGTGTCAAGGACTTGGGTATTAAAGTGGAGAAGTA
 CGTTGCCCTCTGAAGTCTGTGAGAGTCCATTGCTGTAGGAACCATTAAGCATGAAGGCCAAATCAATAT
 GTCAATGACGTCCGAAAATCACCAAGAAAAATATTGAAGAGTGGGGCCATTTGACTTGGTGATTGGCG
 GAAGCCCATGCAATGATCTTTCTAATGTCAATCCTGCCAGGAAAGGCCTGTATGAGGGCACAGGAAGGCT
 CTTCTTTGAGTTTTACCCTTGTGAAATATACACGCCCAAGGAGGGCGACAACCGTCCATTCTTCTGG
 ATGTTTCGAGAATGTTGTGGCCATGAAAGTGAATGACAAGAAAGACATCTCCCGATTCTGGCATGTAACC
 CAGTGATGATCGACGCCATCAAGGTTTCTGCTGCTCACAGGGCCCGTACTTCTGGGGTAATCTACCTGG
 AATGAACAGGCCTGTGATAGCTTCAAGAATGATAAGCTCGAGCTACAAGACTGCTTGGAGTTCAGTAGG
 ACAGCAAAGTTAAAGAAAGTACAGACAATAACCACCAAGTCAAGTCCATCAGACAGGGGAAAAACCAGC
 TTTTCCCTGTAGTCATGAATGGCAAGGATGACGTTCTGTGGTGCAGTGTGAGCTCGAAAGGATCTTCCGGTT
 CCCAGCTCACTACAGACGTGTCCAACATGGCCGGGGCCCGCCAGAAGCTACTGGGAAGTCTCTGG
 AGTGTGCCAGTCATCAGACACCTGTTTGGCCCTTGAAGGACTACTTGCATGTGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001003959
Insert Size: 2580 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_001003959.1</u> , <u>NP_001003959.1</u>
RefSeq Size:	4289 bp
RefSeq ORF:	2580 bp
Locus ID:	444985
Cytogenetics:	3q41