

Product datasheet for **RN201443**

Dus3l (NM_001034923) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dus3l (NM_001034923) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dus3l
Synonyms:	MGC124806
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201443 representing NM_001034923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGGTTGCGGAGGTAGCAGCTGAGAGCGGTGGTGGCGGTGACTCCGGAGTTGGCGCGTGCGAAC
 GGGGGTGGCGCCATTAAAGCTCAGTACCGCACCAAAAGAAAGTTCCACGAATACCTGGATGCAGA
 CAAGCAGGAGGGTGCCTGCCAGGAAACGCCTACAGAGGGCCAGCTGAACCGGAGGCCAAAAGAATCCGC
 TTGAAGATGGCAGGAGAATGGGAAGACAGAGGTGGCAGTTGAGTCCCATGAAAGGCAGGTGCCAAGA
 GGGCCCGGGCCAAAACAAAAGCCGGCCACATGAAGCCAGCACACTATGACAAGGAGAGGCTCTGCC
 ATCCCTCCTTCAGGAGTCGGCCACTCCATGTGCATTTGGAGACCGTTGCCGCTTCTGCATGATGTGGG
 CGTACCTGGAGACCAACCAGCAGACCTGGGCCCCACTGCGTGTCTTCAACACCTTCGGCCGGTGCC
 CTTACAGCATGACCTGTCGTTTTGCTGGGGCACACTTGGGACCTGAGGGTCAAGACCTGGTGCAGGAGGA
 GGTGGTGGCCGCTGTGCACAGCTCCCTTCGGTGCAGAAATGGCCTCGACAGGGCTCTGCAGCAGCAGCTG
 CGGAAGCGCCAAGTTGCTTTGAGCGAGCTGAGCAGGCCCTGAGCCACCTTACCCAGGGCCCATGCCCA
 CGATTGCCCTGAGAGCACTGTGGCCACATTGACCCAAAAGCACAGCAGCTGCCATGTCCAGCTAGACAA
 CGTAGGAGGGGACGGTGCCAGGCAGGGCAGCCCTGTGCCACCTGCGGCCCTTGACCGACGAGGATGTG
 GTCCGGCTGCGGCCCTGTGAGAAGAAGCGGCTAGACATCAGCGGAAAGCTGTACCTGGCTCCTTTAACCA
 CGTGTGGAACCTACCCTTTCGCGGTATCTGCAAGCGCTTCGGTGCAGATGTGACCTGCGGTGAGATGGC
 CATGTGCACAACTGCTCCAGGACAGATGTCTGAGTGGGCTTGTCTCAAGCGCCACCCCTGCGAGGAC
 ATCTTCGGGGTTCAGCTGGAGGGCGCATCCCTGACACCATGACCAAGTGTGCTGAGCTCAACCGCA
 CGATTGACGTGGACTTCGTGGACATCAACGTGGGCTGCCCTATCGACCTCGTCTATAAGAAGGGTGGTGG
 CTGTGCATCATGAATCGCTCAGCCAAGTTCACAGATTGTGCGGGGCATGAATGAGGTGTTGGATGTA
 CCCTTGACGGTGAAGATGCGCACGGGTGTTAGGAGCGTGTGAGCCTGGCACACCGACTGCTGCCTGAAC
 TGCGGAACTGGGGTGTGCACTGGTCCACTCCATGGCCGCTCCAGGAAACAGCGCTACACCAGGCTGGC
 CGACTGGCCCTACATCGAACAGTGTGCCAAGGTGGCCAGCCCATGCCCTGTTTGGAAATGGAGACATC
 CTTTCGTTTGGAGACGCCAACTGTGCCATGCAGACAGGGTGTGCTGGGATCATGGTTGCCCGTGGCGCT
 TGCTCAAGCCCTGGCTGTTCACTGAGATCAAAGAACAGAGACTGGGACATCTCATCTCTGAGCGCT
 GGACATCTTGAGAGACTCACACACTATGGCCTGGAACACTGGGGCTCTGACACACAGGGTGTGGAACGG
 ACCCGGCGCTTCTTCTGAGTGGCTCTCCTTTCTTTCAGGATGTGCGCCGTGGGCTGCTGGAACGAC
 TGCCACAGAGGATCAATGAAAGGCCACCCTACTACTTAGCCCGTACTACCTGGAGACACTCATGGCCAG
 CCAGCAGGCTGCAGACTGGATTCAATCAGTGAAGTGTGCTTGGACCAGTTCACCTGGCTTCGCTCTTC
 CTGCCAAGCACAAAGCCAATGCCTACAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034923
- Insert Size:** 1923 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: [NM_001034923.1](#), [NP_001030095.1](#)

RefSeq Size: 2061 bp

RefSeq ORF: 1923 bp

Locus ID: 301122

UniProt ID: [Q3KRC5](#)

Cytogenetics: 9q12

Gene Summary: Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.[UniProtKB/Swiss-Prot Function]