

Product datasheet for **MG206792**

Dus3l (BC052481) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dus3l (BC052481) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dus3l
Synonyms:	MGC56820
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206792 representing BC052481 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGACGGCAGCGGAGAGCGGTGGTGGCGGTGACTCCGGGTTGGCGGTGCGAACGGGGGTGG
CGCCATTAAAGCTCAGTACCGCACAACCAAAGACGGTTCACGAATATCTGGATGGAGACAAGCAGGA
GGGTGCATGCCAGGAAGTCCCACAGGAGACCCAGCTGAGCCAGGGGCCAAAAGAATTCCCTGGAAGAT
GGCAGGAAAATGGGAAGACAGAGGTGGCAATTGAATCCCGTCAAAGGCAGGTGCCAAGAGGGCCCGTG
GCCAAAACAAAAGCCGGCCCATGTGAAGCCAGCACACTACGACAAGGACAGGCTCTGCCGTCTCTCT
CCAGGAGCCGGCCACCCATGTGCATTTGGAGACCGTTGCCGCTTCTGCACGATGTGGGGCGCTACCTG
GAGACAAACCGGACAGCCTGGGCCCCGCTGCGTCTTTCGAAACCTTTGGCCGGTGCCTTTTCAGCA
TGACCTGTGCTTTGCTGGAGCACACCTGGGGCCTGAGGGGCAGAACCTGGTGCAGGAAGAGGTGGTGGC
CCGCTGTGCACAGCTCCCTTCAGTGCAGGATGGCTTAGACAGGGCCCTGCAGCAGCAGCTGCGGAAGCGC
CAAGTGTGCTTTGAGCGAGCTGAGCAGGCCCTGAACCGCTCACCCAGAGCCCCATGCCACTGTTGTCC
CTGAGACCACTGTGGCCATGGCGACCCAAAGCAGAATAGCTGCCATGCCAGCTAGATACCGTAGGAGG
GGCTGGCACCCCGCAGAGCAGCCCTGTGCCAACCTGTGGCCCTTGACAGACGAGGACGTGATCCGGCTG
CGGCCCTGTGAGAAGAAGCGGCTAGACATCAGCGGAAAGCTGTATCTGGCTCCTTTAACCCAGTGTGGAA
ACCTACCCTTTCCCGCATTTGCAAGCGCTTTGGCGGGATGTGACCTGCGGTGAGATGGCCGTGTGTAC
GAACCTGCTCCAGGGACAGATGTCTGAGTGGGCTTTGCTCAAGCGCCACCCCTGTGAGGACATCTTTGGG
GTGACAGCTGGAGGGCGCTTCCCTGACACCATGACCAAATGTGCCGAGCTCCTCAACCGCACATTGACG
TGGACTTCGTGGACATCAACGTGGGCTGCCCATCGACCTCGTCTACAAGAAGGTGATGGCTGCTTACC
CTGGAGCTGGGCTGGGTGTGGCCAAAGCCGGGACCCCTGCCCTGCTGGCCCTGTGTCTCAGTTCCCA
TCTGGACAGGAGCACAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206792 representing BC052481
Red=Cloning site Green=Tags(s)

MAETAESGGGGDSVGVGACERGVAPIKAQYRTTKERFHEYLDGDKQEGACQEVPTGDP AEPGAKRIRLED
 GQENKTEVAIESRERQVPKRARGQNKSRPHVKPAHYDKDRLCPSFLQEPATPCAFGDRCRFLHDVGRYL
 ETKPADLGP RCVLFETFGRCPFSMTCRFAGAHLGPEGQNLVQEEVVARCAQLPSVRNGLDRALQQQLRKR
 QVCFERA EQALNRLTQSPMPTVVPETTVMATPKQNSCHAQLDVTGGAGTPQSSPVPTCGPLTDEDVIRL
 RPCEKRLDISGKLYLAPLTTCCGNL PFRICKRF GADVTCGEMAVCTNLLQGQMSSEWALLKRHPCEDIFG
 VQLEGAFPDTMTKCAELLNRTIDVDFVDINVGCPIDL VYKKVMAALPWSL GWVWP KP GTLPCWPCVSVSP
 SGHGAH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC052481

ORF Size: 1280 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC052481](#), [AAH52481](#)

RefSeq Size: 2763 bp

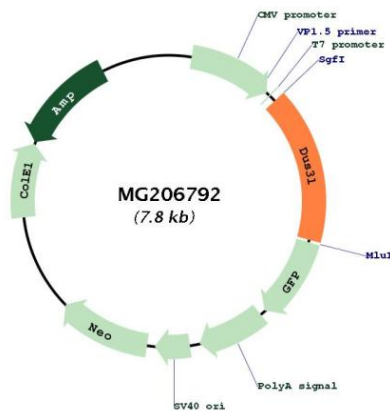
RefSeq ORF: 1280 bp

Locus ID: 224907

Cytogenetics: 17 D

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

Product images:



Circular map for MG206792