

## Product datasheet for **MR206792**

### Dus3l (BC052481) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dus3l (BC052481) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dus3l
Synonyms:	MGC56820
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR206792 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAGACGGCAGCGGAGAGCGGTGGTGGCGGTACTCCGGGTTGGCGCGTGCGAACGGGGGTGG  
 CGCCATTAAAGCTCAGTACCGCACAAACAAAGAACGGTTCACGAATATCTGGATGGAGACAAGCAGGA  
 GGGTGCATGCCAGGAAGTCCCACAGGAGACCCAGCTGAGCCAGGGGCCAAAAGAATTCGCCTGGAAGAT  
 GGGCAGGAAAAATGGGAAGACAGAGGTGGCAATTGAATCCCGTGAAAGGCAGGTGCCAAGAGGGCCCGTG  
 GCCAAAACAAAAGCCGGCCCATGTGAAGCCAGCACACTACGACAAGGACAGGCTCTGCCGTCCTTCT  
 CCAGGAGCCGGCCACCCATGTGCATTTGGAGACCGTTGCCGCTTCTGCACGATGTGGGGCGCTACCTG  
 GAGACAAACCGGCAGACCTGGGCCCGCTGCGTGCTTTCGAAACCTTTGGCCGGTGCCTTTTCAGCA  
 TGACCTGTGCTTTGCTGGAGCACACCTGGGGCTGAGGGGCAGAACCTGGTGCAGGAAGAGGTGGTGGC  
 CCGCTGTGCACAGCTCCCTTCAGTGCAGGATGGCTTAGACAGGGCCCTGCAGCAGCAGCTCGGGAAGCGC  
 CAAGTGTGCTTTGAGCGAGCTGAGCAGGCCCTGAACCGCCTACCCAGAGCCCATGCCACTGTTGTCC  
 CTGAGACCACTGTGGCCATGGCGACCCCAAGCAGAATAGCTGCCATGCCAGCTAGATACCGTAGGAGG  
 GGCTGGCACCCCGCAGAGCAGCCCTGTGCCAACCTGTGGCCCTTGACAGACGAGGACGTGATCCGGCTG  
 CGGCCCTGTGAGAAGAAGCGGCTAGACATCAGCGGAAAGCTGTATCTGGCTCCTTTAACCCAGTGTGAA  
 ACCTACCTTTTCGCCGATTTGCAAGCGCTTTGGCGCGGATGTGACCTGCCGTGAGATGGCCGTGTGAC  
 GAACCTGCTCCAGGGACAGATGTCTGAGTGGGCTTTGCTCAAGCGCCACCCCTGTGAGGACATCTTTGG  
 GTGCAGCTGGAGGGCGGCTTCCCTGACACCATGACCAAATGTGCCGAGCTCCTCAACCGCACCATGACG  
 TGGACTTCGTGGACATCAACGTGGGCTGCCCATCGACCTCGTCTACAAGAAGGTGATGGCTGCTTACC  
 CTGGAGCCTGGGCTGGGTGGCCCAAGCCCGGACCCCTGCCCTGCTGGCCCTGTGTCTCAGTTTCCCCA  
 TCTGGACACGGAGCACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR206792 protein sequence  
 Red=Cloning site Green=Tags(s)

MAETAESGGGDSGVGACERGVAPIKAQYRTTKERFHEYLDGDKQEGACQEVPTGDPAEPAKIRILED  
 GQENKTEVAIESRERQVPKRARGQNSRPHVKPAHYDKDRLCPSFLQEPATPCAFGDRCRFLHDVGRYL  
 ETKPADLGPRCVLFETFGRCPF SMTCRFAGAHLGPEGQNLVQEEVVARCAQLPSVRNGLDRALQQQLRKR  
 QVCFERAEQALNRLTQSPMPTVVPETTAMATPKQNSCHAQLDVTGGAGTPQSSPVPTCGPLTDEDVIRL  
 RPCEKRLDISGKLYLAPLTTGCLNLPFRRIKRFADVTGEMAVCTNLLQGMSEWALLKRHPCEDIFG  
 VQLEGAFPDTMTKCAELLNRTIDVDFVDINVGCPIDLVYKVMMAALPWSLGWVWPKPGTLPCWPCVSVSP  
 SGHGAH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** BC052481

**ORF Size:** 1278 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

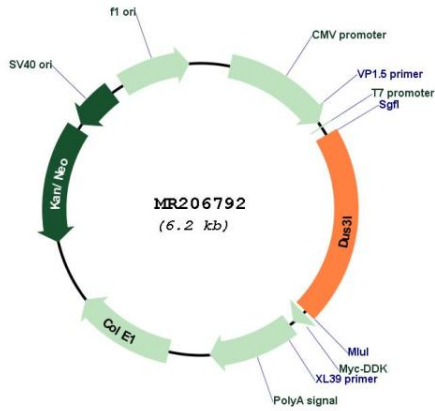
**Locus ID:** 224907

**Cytogenetics:** 17 D

**MW:** 46.7 kDa

**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 MR206792