

Product datasheet for RC228882

DUS3L (NM_001161619) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: DUS3L (NM_001161619) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: DUS3L
 Synonyms: DUS3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC228882 representing NM_001161619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGAGGGAAACGGCGGAGGCTCCTCTAGAGAATGGTGGTGGCGACTCGGGAGCCGGAGCTTTGG
 AACGAGGAGTGGCGCCATTAAGCGTCAATACCTACCACCAAGGAGCAGTTTCACCAATTCCTGGAAGC
 CAAAGGGCAGGAGAAGACTTGCCGGGAAACCGAGCTGGACATCCGTGGCAAACCTTACCTGGCCCCCTC
 ACCACGTGTGGAAACCTGCCCTCCGACGGATCTGCAAGCGCTTCGGGGCGGATGTGACATGTGGAGAGA
 TGGCCGTCTGCACCAACCTGCTGCAGGGCCAGATGTCCGAGTGGGCCCTACTCAAACGCCACCAGTGTGA
 GGACATCTTTGGCGTCCAGCTGGAGGGCGCCTTCCCCGACACCATGACCAAGTGTCCGAGCTGCTGAGC
 CGCACCGTGGAGGTGGACTTTGTGGACATCAACGTCGGCTGCCCATCGACCTCGTGTACAAGAAGGGTG
 GGGGCTGTGCCCTCATGAATCGCTCCACCAAGTTCCAGCAGATCGTCCGTGGCATGAACCAGGTGCTGGA
 TGTGCCGTGACTGTGAAGATCCGCACAGGCGTCCAGGAGCGTGTGAACCTGGCGCACCGCCTGCTGCC
 GAGCTGCGGGACTGGGGCGTGGCACTCGTCACGCTCCACGGCCGCTCTCGGGAGCAGCGCTACACCAAGC
 TAGCCGACTGGCAGTACATCGAGGAGTGCCTGCAGGCCGCCAGCCCCATGCCCTGTTCCGAAATGGGGA
 CATCTTGTCAATTTGAGGATGCCAACCGGCCATGCAGACTGGTGTACCCGGGATCATGATTGCCCGTGGC
 GCCCTGCTCAAGCCGTGGCTCTTACGGAGATCAAGGAGCAGCGCACTGGGACATCTCGTCCGCGAGC
 GCCTGGACATCCTGCGGGACTTCACTCACTACGGCCTGGAGCACTGGGGCTCGGACACCGAGGGCGTGA
 GAAGACCCGGCGCTTTCTGCTCGAGTGGCTGTCTTCTGTGCCGGTACGTGCCCGTGGGGCTGCTGGAG
 CGGCTCCACAGAGGATCAACGAGCGGCCGCCCTACTACCTGGGCCGCGACTACCTGGAGACGCTGATGG
 CCAGCCAGAAGGCAGCCGACTGGATCCGCATCAGCGAGATGCTCCTTGGGCCAGTGCCCCCAGCTTCGC
 CTTCTTGCCGAAGCACAAAGCCAACGCGTACAAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

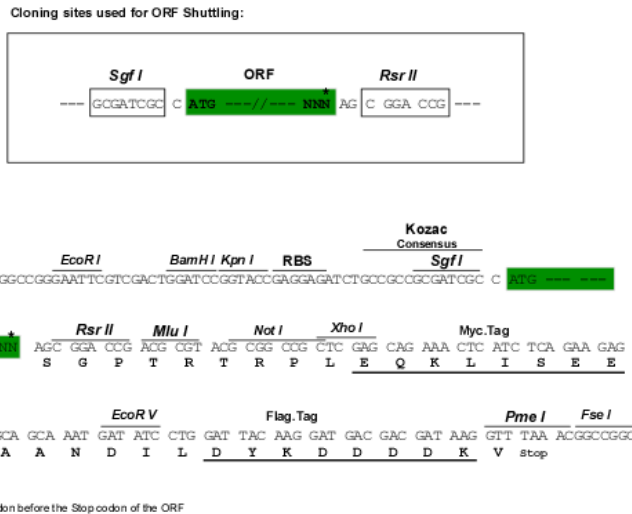
Protein Sequence: >RC228882 representing NM_001161619
 Red=Cloning site Green=Tags(s)

MAEGTAEAPLENGGGGDSGAGALERGVAPIKRQYLTTKEQFHQFLEAKGQEKTCRETDIRGKLYLAPL
 TTCGNLPPFRICKRFADVTCGEMAVCTNLLQGQMSWALLKRHQCEDIFGVQLEGAFPDTMTKCAELLS
 RTVEVDFVDINVGCPIDLVYKGGGKCALMNRSTKFKQIVRGMNQVLDVPLTVKIRTGVQERVNLHRLLP
 ELRDWGVVALVTLHGRSREQRYTKLADWQYIEECVQAASPMPPLFGNGDILSFEDANRAMQTGVTGIMIARG
 ALLKPWLFTEIKEQRHWDISSERLDILRDFTNYGLEHWGSDTQGVKTRRFLLEWLSFLCRYVPPVGLLE
 RLPQRINERPPYYLGRDYLETLMASQKAADWIRISEMLLGPVPPSFAFLPKHKANAYK

SGPTRRRL**EQKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001161619

ORF Size: 1224 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: [NM_001161619.2](#)

RefSeq ORF: 1227 bp

Locus ID: 56931

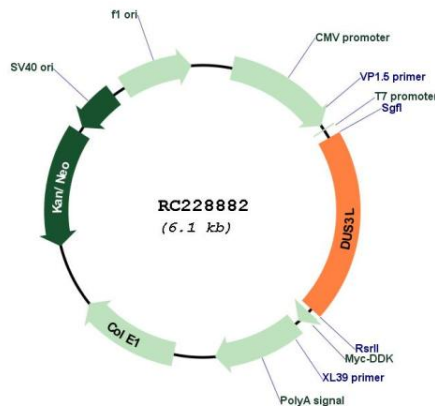
UniProt ID: [Q96G46](#)

Cytogenetics: 19p13.3

MW: 45.9 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 RC228882