

Product datasheet for **SC327517**

DUS3L (NM_001161619) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUS3L (NM_001161619) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS3L
Synonyms:	DUS3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001161619, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGAGGGAACGGCGGAGGCTCCTCTAGAGAATGGTGGTGGCGACTCGGGAGCC
GGAGCTTTGGAACGAGGAGTGGCGCCCATTAAGCGTCAATACCTACCACCAAGGAGCAG
TTTCACCAATTCCTGGAAGCCAAAGGGCAGGAGAAGACTTGCCGGGAAACCGAGCTGGAC
ATCCGTGGCAAACCTTTACCTGGCCCCCTCACCACGTGTGGAACTGCCCTTCCGACGG
ATCTGCAAGCGCTTCGGGGCGGATGTGACATGTGGAGAGATGGCCGTCTGCACCAACCTG
CTGCAGGGCCAGATGTCCGAGTGGGCCCTACTCAAACGCCACCAGTGTGAGGACATCTTT
GGCGTCCAGCTGGAGGGCGCCTTCCCCGACACCATGACCAAGTGTCCGAGCTGCTGAGC
CGCACCGTGGAGGTGGACTTTGTGGACATCAACGTCGGCTGCCCATCGACCTCGTGTAC
AAGAAGGGTGGGGCTGTGCCCTCATGAATCGCTCCACCAAGTCCAGCAGATCGTCCGT
GGCATGAACCAGGTGCTGGATGTCCCGTACTGTGAAGATCCGCACAGGCGTCCAGGAG
CGTGTGAACCTGGCGCACCGCTGCTGCCCGAGCTGCGGGACTGGGGCTGGCACTCGTC
ACGCTCCACGGCCGCTCTCGGGAGCAGCGCTACACCAAGTAGCCGACTGGCAGTACATC
GAGGAGTGCCTGCAGGCCGCCAGCCCCATGCCCTGTTTCGGAAATGGGGACATCTTGTC
TTTGAGGATGCCAACCGGCCATGCAGACTGGTGTACCAGGATCATGATTGCCCGTGGC
GCCCTGCTCAAGCCGTGGCTCTTACGGAGATCAAGGAGCAGCGGCACTGGGACATCTCG
TCGTCCGAGCGCTGGACATCTGCGGGACTTCACCAACTACGGCCTGGAGCACTGGGGC
TCGGACACGCAGGGCGTGGAGAAGACCCGGCGCTTCTGCTCGAGTGGCTGTCTTCTCTG
TGCCGGTACGTGCCCGTGGGGCTGCTGGAGCGGCTCCCACAGAGGATCAACGAGCGGCCG
CCCTACTACCTGGCCCGGACTACCTGGAGACGCTGATGGCCAGCCAGAAGGCAGCCGAC
TGGATCCGCATCAGCGAGATGCTCCTTGGGCCAGTGCCCCCAGCTTCGCCTTCTTGCCG
AAGCACAAGGCCAACGCGTACAAG

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Restriction Sites:	Please inquire
ACCN:	NM_001161619



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001161619.1, NP_001155091.1</u>
RefSeq Size:	1401 bp
RefSeq ORF:	1227 bp
Locus ID:	56931
UniProt ID:	<u>Q96G46</u>
Cytogenetics:	19p13.3
Gene Summary:	<p>Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences in the coding region but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>