

## Product datasheet for **SC321152**

### **DUS3L (NM\_020175) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DUS3L (NM_020175) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS3L
Synonyms:	DUS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_020175.1  
 GGGCACGAGGCTTCCCGCCACTCCAGAGCGGGTGTGAGGGGCGCCGATGGCGGAGGGA  
 ACGGCGGAGGCTCCTCTAGAGAAATGGTGGTGGTGGCGACTCGGGAGCCGGAGCTTTGAA  
 CGAGGAGTGGCGCCATTAAGCGTCAATACCTCACCACCAAGGAGCAGTTTACCAATTC  
 CTGGAAGCCAAAGGGCAGGAGAAGACTTGCCGGAAACCGAGGTAGGAGACCCTGCTGGC  
 AATGAGCTGGCTGAGCCTAAGCGGATCCGACTGGAGGATGGACAGACGGCGGAC  
 GGGCAGACGGAGGAGGCAGCAGAGCCCGGGGAGCAGCTACAGACTCAGAAGAGGGCCCG  
 GGACAAAACAAGGGCCGGCCCATGTGAAGCCACGAACACTACGACAAGAACAGGCTGTGT  
 CCTCCCTAATCCAGGAGTCGGCTGCTAAGTGTTCCTCGGTGATCGCTGCCGCTTCTG  
 CACGACGTGGGCGCTACCTGGAGACCAAGCCGGCCGACCTGGGCCCCCGCTGCGTGCTC  
 TTCGAGACCTTCGGCCGGTGCCCTACGGCGTGACCTGCCGCTTCGCTGGGGCCACCTG  
 GGGCCCGAGGGACAGAACCTGGTGCAGGAGGAGTTGGCGGCCCGGGACCCAGCCCCG  
 TCCATCCGCAACGGCCTGGACAAAGCCCTGCAGCAGCAGCTGCGGAAGCGCGAGGTCCG  
 TTCGAGCGAGCTGAGCAGGCCCTGCGCCGGTTCAGCCAGGGCCCCACCCCGCTGCCGCT  
 GTCCCCGAGGGCACGGCAGCCGAGGGCGCTCCCAGGCAGGAAAACCTGTGGTGCCAGCAG  
 GTCCCCGAGGGCCGGGCACTAGCACCCCTCCCAGCAGCCCGTGGCGACTGCGGGCCC  
 CTGACGGATGAGGACGTGGTCAGGCTGCGGCCCTGTGAGAAGAAGCGGCTGGACATCCGT  
 GGCAAACTTTACCTGGCCCCCTCACCACGTGTGGAACTGCCCTTCCGACGGATCTGC  
 AAGCGCTTCGGGGCGGATGTGACATGTGGAGAGATGGCCGTCTGCACCAACCTGTGCG  
 GGCCAGATGTCCGAGTGGGCCCTACTCAAACGCCACCAGTGTGAGGACATCTTTGGCGTC  
 CAGCTGGAGGGCGCCTTCCCCGACACCATGACCAAGTGTCCGAGCTGCTGAGCCGCACC  
 GTGGAGGTGGACTTTGTGGACATCAACGTCCGCTGCCCATCGACCTCGTGTACAAGAAG  
 GGTGGGGCTGTGCCCTCATGAATCGTCCACCAAGTTCAGCAGATCGTCCGTGGCATG  
 AACCAAGTGTGGATGTGCGCTGACTGTGAAGATCCGCACAGGCGTCCAGGAGCGTGTG  
 AACCTGGCGCACCGCCTGCTGCCGAGCTGCGGGACTGGGGCTGGCACTCGTCACGCTC  
 CACGGCCGCTCTCGGGAGCAGCGCTACACCAAGTAGTACTGCGCAGTACATCGAGGAG  
 TGCGTGCAGGCCGCCAGCCCATGCCCTGTTCCGAAATGGGGACATCTTGTCAATTTGAG  
 GATGCCAACCGGCCATGCAGACTGGTGTACCGGGATCATGATTGCCCGTGGCGCCCTG  
 CTCAAGCCGTGGCTTTCACGGAGATCAAGGAGCAGCGGCACTGGGACATCTCGTCGTC  
 GAGCGCCTGGACATCCTGCGGGACTTACCAACTACGGCCTGGAGCACTGGGGCTCGGAC  
 ACGCAGGGCGTGGAGAAGACCCGCGCTTCTGCTCGAGTGGCTGTCCTTCTGTGCCGG  
 TACGTGCCCGTGGGGCTGCTGGAGCGGCTCCCACAGAGGATCAACGAGCGGCCGCCCTAC  
 TACCTGGGCCGCGACTACCTGGAGACGCTGATGGCCAGCCAGAAGGCAGCCGACTGGATC  
 CGCATCAGCGAGATGCTCCTTGGGCCAGTGCCCCCAGCTTCGCCTTCTTGCCGAAGCAC  
 AAGGCCAACGCGTACAAGTAGCCTCAGGCTTCCAGGGGCACCTGGGGCGAGGAGAGT  
 ACAATAAATTTTATTCTTTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_020175

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_020175.1</a> , <a href="#">NP_064560.1</a>
<b>RefSeq Size:</b>	2078 bp
<b>RefSeq ORF:</b>	1953 bp
<b>Locus ID:</b>	56931
<b>UniProt ID:</b>	<a href="#">Q96G46</a>
<b>Cytogenetics:</b>	19p13.3
<b>Domains:</b>	zf-CCCH, Dus
<b>Gene Summary:</b>	<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 (1) represents the longer transcript and encodes the longer isoform (1).</p>