

## Product datasheet for **SC100465**

### **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
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_020175, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGAGGGAACGGCGGAGGCTCCTCTAGAGAATGGTGGTGGTGGCGACTCGGGAGCCGGAGCTTTGG
AACGAGGAGTGGCGCCATTAAGCGTCAATACCTCACCACCAAGGAGCAGTTTCACCAATCCTGGAAGC
CAAAGGGCAGGAGAAGACTTGGCGGAAACCGAGGTAGGAGACCCTGCTGGCAATGAGCTGGCTGAGCCT
GAGGCTAAGCGGATCCGACTGGAGGATGGACAGACGGCGGACGGGACAGCGGAGGAGGCAGCAGAGCCCG
GGGAGCAGCTACAGACTCAGAAGAGGGCCCGGGGACAAAACAAGGGCCGGCCCATGTGAAGCCACGAA
CTACGACAAGAACAGGCTGTGTCCCTCCCTAATCCAGGAGTGGGCTGCTAAGTGTTCCTCGGTGATCGC
TGCCGCTTTTGCACGACGTGGGGCGCTACCTGGAGACCAAGCCGGCCGACCTGGGCCCCCGCTGCGTGC
TCTTCGAGACCTTCGGCCGGTGCCCTACGGCGTGACCTGCCGCTTCGCTGGGGCCACCTGAGGCCGA
GGGACAGAACCTGGTGCAGGAGGAGTTGGCGGCCCGGGACCCAGCCCCGTCATCCGCAACGGCCTG
GACAAAGCCCTGCAGCAGCAGCTGCGGAAGCGCAGGTCCGCTTCGAGCGAGCTGAGCAGGCCCTGCGCC
GGTTCAGCCAGGGCCCCACACCCGCTGCCGCTGTCCCGAGGGCACGGCAGCCGAGGGCGCTCCCAGGCA
GGAAAACCTGTGGTGCCAGCAGGTCCCCGAGGGCCGGGCACTAGCACCCCTCCCAGCAGCCCCGTGCGG
ACCTGCGGGCCCTGACGGATGAGGACGTGGTCAAGGCTGCGGCCCTGTGAGAAGAAGCGGCTGGACATCC
GTGGCAAACCTTTACCTGGCCCCCTCACCACGTGTGGAACTGCCCTTCCGACGGATCTGCAAGCGCTT
CGGGGCGGATGTGACATGTGGAGAGATGGCCGTCTGCACCAACCTGCTGCAGGGCCAGATGTCCGAGTGG
GCCCTACTCAAACGCCACCAGTGTGAGGACATCTTTGGCGTCCAGCTGGAGGGCGCCTTCCCCGACACCA
TGACCAAGTGTCCGAGCTGTGAGCCGACCGTGGAGGTGGACTTTGTGGACATCAACGTCGGCTGCC
CATCGACCTCGTGTACAAGAAGGGTGGGGCTGTGCCCTCATGAATCGCTCCACCAAGTTCAGCAGATC
TGCCGTGGCATGAACAGGTGCTGGATGTGCGCTGACTGTGAAGATCCGCACAGGCGTCCAGAGCGTG
TGAACCTGGCGCACCCGCTGCTGCCGAGCTGCGGGACTGGGGCTGGCACTCGTCAACGCTCCACGCGCCG
CTCTCGGAGCAGCGCTACACCAAGCTAGCCGACTGGCAGTACATCGAGGAGTGGTGCAGGCCGCCAGC
CCCATGCCCTGTTCGAAATGGGGACATCTTGTCAATTTGAGGATGCCAACCGGCCATGCAGACTGGT
TCACCGGGATCATGATTGCCCGTGGCGCCTGCTCAAGCCGTGGCTTTCACGGAGATCAAGGAGCAGCG
GCACTGGGACATCTCGTCGTCGAGCGCCTGGACATCCTGCGGGACTTACCAACTACGGCTGGAGCAC
TGGGGCTCGGACACGAGGGCGTGGAGAAGACCCGGCGCTTTCTGCTCGAGTGGTGTCTTCTGTGCC
GGTACGTGCCCGTGGGGTGTGGAGCGGCTCCACAGAGGATCAACGAGCGGCCCCCTACTACCTGGG
CCGCGACTACCTGGAGACGCTGATGGCCAGCCAGAAGGCAGCCGACTGGATCCGCATCAGCGAGATGCTC
CTTGGGCCAGTGGCCCCAGCTTCGCCTTCTTGCCGAAGCACAAAGGCCAACGCGTACAAGTAG
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_020175 unedited

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CCCCCCTAATACCCCGCCCGTTGACGCTTTGGGCGGTAGGCGTGTACGGTGGGAGGTC
TATATAAGCAGAGCTCATTTAGGTGACACTATAGAATAACAAGCTACTTGTCTTTTTGCA
GCGGCCGGAATTCGGCACGAGGCGGGTGTGAGGGCGCCGATGGCGGAGGGAACGGCGG
AGGCTCCTCTAGAGAATGGTGGTGGTGGCGACTCGGGAGCCGGAGCTTTGGAACGAGGAG
TGGCGCCCATTAAGCGTCAATACCTCACCACCAAGGAGCAGTTTCACCAATCCTGGAAG
CCAAAGGGCAGGAGAAGACTTGGCGGAAACCGAGGTAGGAGACCCTGCTGGCAATGAGC
TGGCTGAGCCTGAGGCTAAGCGGATCCGACTGGAGGATGGACAGACGGCGGACGGGACAGA
CGGAGGAGGCAGCAGAGCCCGGGAGCAGCTACAGACTCAGAAGAGGGCCCGGGGACAAA
ACAAGGGCCGGCCCATGTGAAGCCACGAACTACGACAAGAACAGGCTGTGTCCCTCCC
TAATCCAGGAGTCGGCTGCTAAGTGTTCCTCGGTGATCGCTGCCGCTTCTGCACGACG
TGGGGCGTACCTGGAGACCAAGCCGGCCGACCTGGGCCCCCGCTGCGTGTCTTCGAGA
CCTTCGGCCGGTCCCCACGGCGTGACCTGCCGCTTCGCTGGGGCCACCTGGGGCCCG
AGGGACAGAACCTGGTGCAGGAGGAGTTGGCGGCCCGGGACCCAGCCCTCCGTCCATCC
GCAACGGCCTGGACAAAGCCCTGCAGCCACAGCTGCGGCAGCTGCGAGGTCCGCTTCTAG
CGAGCTGAGCAGGCTCTGCGCCTTTCAGCCGGGCCCCACACCCGCTGCGCTGTCC
    
```

**Restriction Sites:** NotI-NotI

<b>ACCN:</b>	NM_020175
<b>Insert Size:</b>	1850 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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>