

## Product datasheet for **SC324053**

### DUS1L (NM\_022156) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DUS1L (NM_022156) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS1L
Synonyms:	DUS1; PP3111
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_022156.3  
 CGGCGGACACGGCGGGCCCTCGCGCGCCTGGAGACGATGCCAAAGCTGCAGGGCTTCGA  
 GTTCTGGAGCCGACCCCTGCGAGGGGCCCGCCACGTCGTGGCCCCATGGTGGACCAGAG  
 CGAGCTGGCCTGGAGGCTGCTGAGCCGGCGCCACGGGGCACAGCTCTGTACACGCCCAT  
 GCTGCATGCCAGGTCTTTGTCCGCGACGCCAACTACCGGAAGGAGAACCTGTACTGCGA  
 GGTGTGCCCGGAGGACCGGCCCTCATCGTGCAGTTCTGTGCCAATGACCCGGAGGTGTT  
 TGTTCAGGCGGCTCTCCTGGCTCAGGATTACTGTGACGCCATTGACCTGAACCTGGGCTG  
 CCCACAGATGATAGCCAAGAGAGGTCACTATGGCGCCTTTCTGCAGGACGAGTGGGACCT  
 GCTCCAAAGAATGATTTTGTGGCCACGAGAACTCTCTGTTCTGTACGTGCAAAAAT  
 CCGTGTCTTCCCGGAGATTGACAAGACCGTGAGGTACGCCAGATGCTGGAGAAGGCCGG  
 CTGCCAGTTGCTGACGGTGACGGACGCACCAAGGAGCAGAAGGGGCCCTGTGCGGTGC  
 AGCGTCTGGGAGCATATCAAGGCTGTGCGGAAGGCTGTGGCCATCCCTGTGTTTGTAA  
 CGGGAACATCCAGTGCCTGCAGGACGTGGAGCGCTGCCTCCGGGACACGGGTGTGACGG  
 CGTCATGAGCGCAGAGGGCAACCTGCACAACCCCGCCCTGTTGAGGGCCGGAGCCCTGC  
 CGTGTGGGAGCTGGCCGAGGAGTATCTGGACATCGTGGGAGCACCCCTGCCCCCTGTC  
 CTACGTCCGGGCCACCTCTTCAAGCTGTGGCACCACACGCTGCAGGTGCACCAGGAGCT  
 GCGAGAGGAGCTGGCCAAGGTGAAGACCCTGGAGGGCATCGCTGCTGTGACCCAGGAGCT  
 GAAGCTGCGGTGTGAGGAGGAGATATCCAGGCAGGAGGGAGCGAAGCCCACCGGCGACTT  
 GCCCTTCCACTGGATCTGCCAGCCCTACATCCGGCCGGGGCCAGGGAGGGGAGCAAGGA  
 GAAGGCAGGTGCGCGCAGCAAGCGGGCCCTGGAGGAAGAGGAGGGTGGCAGCGAGGTCTCT  
 GTCCAAGAACAAGCAAAAAGAAGCAGCTGAGGAACCCCAACAAGACCTTCGACCCCTCTCT  
 GAAGCCAAAATATGCAAAGTGTGACCAGTGTGAAACCCAAAGGGCAACAGATGTGTGTT  
 CAGCCTGTGCCGCGGCTGCTGCAAGAAGCGAGCCTCCAAGAGACTGCAGACTGCCCAGG  
 TCACGGATTGCTTTTTAAACCAAATTGGAGAAGTCTCTGGCCTGGAAAGAGGCCAGCC  
 TGAGCTGCAGGAGCCTCAGCCAGCAGCCTGGAACACCAGGTGGCTTCTCCGAAGTCAT  
 GGGCAGTGCCCTGGCCTGAAGGCCACAACCCCAACCCCAAGGACTGCTGCTGGAGCCTG  
 GACACGTCTACTTAAGAAAATGCCTTTTACTCAGGGAATCTCCTGCTACTTAATGTGGA  
 AAGACACGCCATGTCCCCTTCGGCCCACTCTGGGGCCTGGAAATGCTGCAGTGGGGA  
 GCAGGCCCAAGGCTGGACCTGCCCTGCTCCTCAGCACGCGTGTGCAAAAAGTGAACAATAAA  
 TCATTTCAAAGATGAAAAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_022156

**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:**

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\\_022156.3](#), [NP\\_071439.3](#)

**RefSeq Size:** 1885 bp

**RefSeq ORF:** 1422 bp

**Locus ID:** 64118

**UniProt ID:** [Q6P1R4](#)

**Cytogenetics:** 17q25.3

**Gene Summary:** Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.[UniProtKB/Swiss-Prot Function]