

Product datasheet for SC330966

DUS2L (DUS2) (NM_001271762) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUS2L (DUS2) (NM_001271762) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS2L
Synonyms:	DUS2L; SMM1; URLC8
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330966 representing NM_001271762. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATTTTGAATAGCCTCTCTGTGTACCATAAAGCTAATCCTGGCCCAATGGTTCGGGTAGGG
ACTCTTCCAATGAGGCTGCTGGCCCTGGATTATGGAGCGGACATTGTTTACTGTGAGGAGCTGATCGAC
CTCAAGATGATTAGTGAAGAGAGTGTAAAGAGGTGCTCAGCACAGTGGACTTTGTCGCCCCTGAT
GATCGAGTTGTCTCCGACCTGTGAAAGAGAGCAGAACAGGGTGGTCTCCAGATGGGGACTTCAGAC
GCAGAGCGAGCCCTTGCTGTGGCCAGGCTGTAGAAAATGATGTGGCTGGTATTGATGTCAACATGGGC
TGTCAAAACAATATTCCACCAAGGGAGGAATGGGAGCTGCCCTGCTGTCAGACCCTGACAAGATTGAG
AAGATCCTCAGCACTCTTGTTAAAGGGACACGCAGACCTGTGACCTGCAAGATTCCGATCCTGCCATCG
CTAGAAGATACCCTGAGCCTTGTAAGCGGATAGAGAGGACTGGCATTGCTGCCATCGCAGTTTCATGGG
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TCCATTCTGTATAGCAACGGAGGATCTCATGACCACATCAACAGTATTCGGACATAGAGGACTTT
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TTGCTCCATGCTGCCAGTCTTCCCGGAAATTTGTGAGGCCTTTGGCCTTGGTGCCTTCTATGAGGAG
ACCACACAGGAGCTGGATGCCAGCAGGCCAGGCTCTCAGCCAAGACTTCAGAGCAGACAGGGGAGCCA
GCTGAAGATACCTCTGGTGTCAATTAAGATGGCTGTCAAGTTTGACCGGAGAGCATACCCAGCCCAGATC
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CAACGCCCTCTAGATCGCCTGTTCTCCTCTATTGTACCGTTGCTGAACAAAAGTATCAGTCTACCTTG
TGGGACAAGTCCAAGAACTGGCGGAGCAGGCTGCAGCCATCGTCTGTCTGCGGAGCCAGGGCTCCCT
GAGGGTCGGCTGGGTGAGGAGAGCCCTTCTTGACAAGCGAAAGAGGGAGGCTCCTGACCAAGACCCT
GGGGGCCCCAGAGCTCAGGAGCTAGCACAACCTGGGGATCTGTGCAAGAAGCCCTTTGTGGCCTTGGGA
AGTGGTGAAGAAAGCCCCCTGGAAGGCTGGTGA
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001271762
Insert Size:	1482 bp


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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).
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:	<u>NM_001271762.1</u>
RefSeq Size:	2262 bp
RefSeq ORF:	1482 bp
Locus ID:	54920
UniProt ID:	<u>Q9NX74</u>
Cytogenetics:	16q22.1
MW:	55.1 kDa
Gene Summary:	This gene encodes a cytoplasmic protein that catalyzes the conversion of uridine residues to dihydrouridine in the D-loop of tRNA. The resulting modified bases confer enhanced regional flexibility to tRNA. The encoded protein may increase the rate of translation by inhibiting an interferon-induced protein kinase. This gene has been implicated in pulmonary carcinogenesis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).