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Product datasheet for SC320857

DUS2L (DUS2) (NM_017803) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUS2L (DUS2) (NM_017803) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUS2L
Synonyms:	DUS2L; SMM1; URLC8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_017803.3
TGGAGCACCGTGAGGAAGAAGCGAGGTTCTTTTTAAGAGTTCAGCTGCGAGATATCAAAC
AAAGAATTACTCTGTACAAAGCCAGAACACATATATCAAAGTAATCCTGAAGTATCAGAA
CAAAATAATAGGCTGTAACAGAGGAGGAAATGATTTTGAATAGCCTCTCTCTGTGTTACC
ATAATAAGCTAATCCTGGCCCCAATGGTTCGGGTAGGGACTCTTCCAATGAGGCTGCTGG
CCCTGGATTATGGAGCGGACATTGTTTACTGTGAGGAGCTGATCGACCTCAAGATGATTC
AGTGCAAGAGAGTTGTTAATGAGGTGCTCAGCACAGTGGACTTTGTCGCCCCTGATGATC
GAGTTGTCTTCCGCACCTGTGAAAGAGAGCAGAACAGGGTGGTCTTCCAGATGGGGACTT
CAGACGCAGAGCGAGCCCTTGCTGTGGCCAGGCTTGTAGAAAATGATGTGGCTGGTATTG
ATGTCAACATGGGCTGTCCAAAACAATATTCCACCAAGGGAGGAATGGGAGCTGCCCTGC
TGTCAGACCCTGACAAGATTGAGAAGATCCTCAGCACTCTTGTTAAAGGGACACGCAGAC
CTGTGACCTGCAAGATTCGCATCCTGCCATCGCTAGAAGATACCCTGAGCCTTGTGAAGC
GGATAGAGAGGACTGGCATTGCTGCCATCGCAGTTCATGGGAGGAAGCGGGAGGAGCGAC
CTCAGCATCCTGTCAGCTGTGAAGTCATCAAAGCCATTGCTGATACCCTCTCCATTCCTG
TCATAGCCAACGGAGGATCTCATGACCACATCCAACAGTATTCGGACATAGAGGACTTTC
GACAAGCCACGGCAGCCTCTTCCGTGATGGTGGCCCGAGCAGCCATGTGGAACCCATCTA
TCTTCCTCAAGGAGGGTCTGCGGCCCCTGGAGGAGGTCATGCAGAAATACATCAGATACG
CGGTGCAGTATGACAACCACTACACCAACACCAAGTACTGCTTGTGCCAGATGCTACGAG
AACAGCTGGAGTCGCCCCAGGGAAGGTTGCTCCATGCTGCCCAGTCTTCCCGGGAAATTT
GTGAGGCCTTTGGCCTTGGTGCCTTCTATGAGGAGACCACACAGGAGCTGGATGCCCAGC
AGGCCAGGCTCTCAGCCAAGACTTCAGAGCAGACAGGGGAGCCAGCTGAAGATACCTCTG
GTGTCATTAAGATGGCTGTCAAGTTTGACCGGAGAGCATACCCAGCCCAGATCACCCCTA
AGATGTGCCTACTAGAGTGGTGCCGGAGGGAGAAGTTGGCACAGCCTGTGTATGAAACGG
TTCAACGCCCTCTAGATCGCCTGTTCTCCTCTATTGTCACCGTTGCTGAACAAAAGTATC
AGTCTACCTTGTGGGACAAGTCCAAGAAACTGGCGGAGCAGGCTGCAGCCATCGTCTGTC
TGCGGAGCCAGGGCCTCCCTGAGGGTCGGCTGGGTGAGGAGAGCCCTTCCTTGCACAAGC
GAAAGAGGGAGGCTCCTGACCAAGACCCTGGGGGCCCCAGAGCTCAGGAGCTAGCACAAC
CTGGGGATCTGTGCAAGAAGCCCTTTGTGGCCTTGGGAAGTGGTGAAGAAAGCCCCCTGG
AAGGCTGGTGACTACTCTTCCTGCCTTAGTCACCCCTCCATGGGCCTGGTGCTAAGGTGG
CTGTGGATGCCACAGCATGAACCAGATGCCGTTGAACAGTTTGCTGGTCTTGCCTGGCAG
AAGTTAGATGTCCTGGCAGGGGCCATCAGCCTAGAGCATGGACCAGGGGCCGCCCAGGGG
TGGATCCTGGCCCCTTTGGTGGATCTGAGTGACAGGGTCAAGTTCTCTTTGAAAACAGGA
GCTTTTCAGGTGGTAACTCCCCAACCTGACATTGGTACTGTGCAATAAAGACACCCCCTA
CCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_017803

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_017803.3, NP_060273.1
RefSeq Size:	1999 bp
RefSeq ORF:	1482 bp
Locus ID:	54920
UniProt ID:	Q9NX74
Cytogenetics:	16q22.1
Domains:	DSRM, Dus
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 (1) represents the longest transcript and encodes the longer isoform (1).