

Product datasheet for **SC100996**

DIS3L2 (NM_152383) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIS3L2 (NM_152383) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIS3L2
Synonyms:	FAM6A; hDIS3L2; PRLMNS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_152383, the custom clone sequence may differ by one or more nucleotides

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ATGAGCCATCCTGACTACAGAATGAACCTCCGGCCCTGGGGACCCCCAGAGGTGTGTCTGCTGTGGCTG
GTCCACATGACATTGGTGTCTTCGCCAGGTGACAAAAAGTCAAAGAACAGGTCCACACGAGGGAAGAAAAA
GAGCATATTTGAAACTTACATGTCCAAGGAGGATGTTTCAGAAGGCTTGAAGAGAGGAACACTCATCCAG
GGTGATTGAGAATTAATCCAAAGAAGTTTCATGAAGCCTTCATTCTTCCCGGATGGTGATCGAGACA
TTTTTATTGATGGGGTTGTTGCTCGTAATAGACCTTAAATGGGGATCTGGTGGTCTGAAACTGCTTCC
CGAGGAGCATTGGAAGGTAGTTAAACCAGAGAGCAATGACAAAGAAACAGAAGCTGCGTATGAATCAGAT
ATCCCGAGGAGCTCTGTGGACACCATCTCCCGCAACAGTCCCTGAAAAGCTATAATGACAGTCTGATG
TCATTGTAGAGGCTCAGTTTGTGGCAGCGACTCAGAAGATGGACATGGCATCACACAAAATGTGCTGGT
TGATGGTGTTAAGAACTCTCAGTTTGTGTTTCTGAGAAAGGAAGAGAGGATGGTGATGCACCGGTTACA
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AGGTGGTTTACATCTTGGAGAAAAACATTCTCGAGCAGCAACCGGCTTCTCAAACCTTTGGCTGATAA
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CCTCTCAAGGACTGTCCCGAGGACTTTGTGGCAGGCGCTAAAGATTATGCCAACACACTGTTTCATCTGCC
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CCCCATTTCCCGAGAGCATAGCAGCGAGGAGGTACACCAGGCGCTTGAATCTCCACGGAATTGCCAA
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AGTTCATGCTCTTGCCCAACATGGCAGTGGCCACAAGATCCACCGCGCCTTCCCGAGCAGGCCCTGCT
GCGCCGACCCCCGCCCAACAAGGATGCTCAGTGACCTGGTGAATTCTGCGACCAGATGGGGCTG
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CACTGGCCCGCAAGGAGGTGCTACCAACATGTGCTCCCGGCCATGCAGATGGCACTGTACTTCTGCTC
GGGGTGTGTCAGGACCCAGCGCAGTTCGGGCACTACGCGCTCAATGTGCCCTGTACACACACTTCACC
TCGCCCATCCCGCGCTTTGCCGACGTCCTGGTGCACCGCTCCTGGTGCCGCTTAGGCTATAGGGAGC
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GCTGGTCTGGGAGCCTGAGGACATGGAGCAGGAGCCAGCACAGCAGGTATCACCATCTTACGCCTGGTG
GAGGTGGTCTGCAAGCAGAGTCCACAGCCCTCAAGTACAGCGCCATCCTGAAGCGGCCAGGCACCCAGG
GCCACCTGGGCCCTGAGAAGGAGGAGGAGTCTGACGGTGTGAGCCGAGGACTCAAGCACCAGCTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152383 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGATCTGGACACTGACTCC AGAGGCAAGATCCTTGATGAATGGTTTGGCCGGACCATCATCCGCTCCTGCACCAAACCT ATCTACGAGCATGCACAGAGCATGATTGAAAGCCCACTGAGAAAATCCCTGCGAAAGAG CTGCCCCCATTTCCCCAGAGCATAGCAGCGAGGAGGTACACCAGGCCGTCTTGAATCTC CACGGAATTGCCAAGCAGTTACGCCAGCAGCGCTTTGTGGACGGCGCACTTCTTGGCCAA CATGGCAGTGGCCACAAGATCCACCGCCCTTCCCCGAGCAGGCCCTGCTGCGCCGGCA CCCCCGCCCCAAACAAGGATGCTCAGTGACCTGGTGAATTCTGCGACCAGATGGGGCT GCCCGTGGACTTCAGCTCCGAGGAGCCCTCAATAAAAAGCCTGACCCAAACATTTGGAGA TGACAAGTACTACTGGCCCGCAAGGAGGTGCTACCAACATGTGCTCCCGGCCCATGCA GATGGCACTGTACTTCTGCTCGGGGCTGCTGCAGGACCCAGCGCAGTTCCGGCACTACGC GCTCAATGTGCCCTGTACACACTTCACCTCGCCATCCGCCGCTTTGCCGACGTCT GGTGCACCGCCTCCTGGCTGCCGCTTAGGCTATAGGGAGCGACTAGACATGGCGCCGA TACCCTGCAGAAACAGGGCGGACACTGTAAACACCGCCGATGGCGTNAAGCGCGTGCA GGAGCTCAGTACCAGTCTCTTTGCTGNTCTGGTCAAGGAGAGTGCCCCCTGGAGTCA NAAGCATGGTGATGGGCATCCTGAAGCAGCCCTCGACGTGCTGGTGTGCTACNGCGT GCAAAAGCGCATCTACGGAACGCATTGCCCCCTGCGTCCCACCACCTTTCAGAAGGNNTGG CAGAANCCGAACCTCACGCTGTCTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152383 unedited TATGGACCGCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGCACTCCACA CTTGATTTTATTCTGTGACTGAGTTGCTGAAACCCCCCATTTCTGGGCAGAGGAGG GCAGTAGGGCCCAGAAAAAGGGGGCCAGCCTCCAGGAGGACTGGGGCTGCTCTGCTG GGGTCACTGCTGACCAGGCCTCAGCCTTCTTCCAGCCCCACCCTCTCCCTGCAGTTTG TTTAAAAGTTGAGCTGCAAAAATTAATAAAAATAAAAACAAACCCTGAGTTGTTAAAA ACCAAATTAAAAACCCCTCCGTGTCAACAGGTCTAAAGCCAGTGTGGCGGGACAGGC AGGCGGGGAGGGCGGGCAGGGCGCTGGTGGAGCTCAGCTGGTGTGTTGAGTCTCGGGCT CACCGTCAGACTCCTCCTCCTTCTCAGGGCCAGGTGGCCCTGGGTGCCTGGCCGCT TCAGGATGGCGCTGTACTTGAGGGCTGTGACTCTGCTGCAGGACCACCTCCACCAGGC TGAAGATGGTGATGACCTGTGCTGGCTCCTGCTCCATGTCCTCAGGCTCCAGACCA GGGTGAGTTCCGGCTTCTTGCCACCTTCTGGAAGTGGTGGGACCGCANGGCCAGTGCGT TGCAGTAGATGCGCTTCTGCACGCCGTAGCGCAGCACCAGCACGTGCAAGGCTTGCTTCA NGATGCCCATCACCATGGCTTCTGACTCCAGGGGCCACTCTCCTTGACCAGAACAGCAAA GAGAGACTGGTACTGAGCTCCTGCACGCGCTTGGACGCCATGCGGCGGTCTGACAGTGG TCCGCTGTTTCTGCANGGTATCGGGCGCCATGTCTAGTCGTTCTATACCTACGCGGC AGCCAGNAGCGGTGCACAANGACTCCGCAAAACGCCGATGGGCGAGTGAATGTGTGTACG GGCCACATGACCCGCTATGCCGACTGCCCTGGTCTCTGCC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_152383
Insert Size:	1500 bp
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: [NM_152383.1](#), [NP_689596.1](#)

RefSeq Size: 3507 bp

RefSeq ORF: 3507 bp

Locus ID: 129563

UniProt ID: [Q8IYB7](#)

Cytogenetics: 2q37.1

Gene Summary: The protein encoded by this gene is similar in sequence to 3'/5' exonucleolytic subunits of the RNA exosome. The exosome is a large multimeric ribonucleotide complex responsible for degrading various RNA substrates. Several transcript variants, some protein-coding and some not, have been found for this gene. [provided by RefSeq, Mar 2012]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This sequence is assembled by in silico methods with additional support of similarity to proteins contained in mouse BC036177.1 and Xenopus BC121425.1.