

Product datasheet for SC120532

DIS3L (NM_133375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIS3L (NM_133375) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIS3L
Synonyms:	DIS3L1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120532 sequence for NM_133375 edited (data generated by NextGen Sequencing)

```

ATGCAGACAGCTTGTCAAGCTGTGCAGCATCAAAGAGGCAGGAGACAGTATAACAACTG
CGAAACCTGCTGAAGGATGCGCGTCATGATTGCATTCTCTTTGCTAATGAATTCCAGCAA
TGCTGCTATCTGCCACGGGAAAAGAGGAGAGTCCATGGAGAAGTGGCAGACCAGGAGCATA
TACAACGCAGCTGTTTGGTACTATCATCACTGCCAGGACAGGATGCCAATTGTTATGGTG
ACAGAAGATGAAGAGGCAATTCAGCAGTATGGAAGTGAACAGAAAGGAGTATTCGTGATT
ACTTTCAAGAATTACCTGGACAATTTCTGGCCTGATTTAAAAGCTGCCACGAGCTTTGT
GATTCTATCCTTCAGTCTCGACGGGAGAGAGAGAATGAGAGTCAGGAGAGCCATGGGAAG
GAGTACCCAGAACATCTCCCTGGAAGTGTAGAAAGCTGGGATTAATCTGGACGCTAT
ATCCAGGGAATTCTGAATGTCAACAAACACAGAGCCAAATAGAAGCTTTTGTTCGACTT
CAAGGAGCCAGCAGTAAAGATTCAGATTTAGTCAGTGACATCCTAATCCACGGGATGAAG
GCTCGAAACCGCTCAATTCATGGAGATGTGGTAGTTGTGGAGCTGCTTCCTAAAAATGAA
TGGAAAGGAAGAACCGTAGCCCTGTGTGAGAATGACTGTGACGACAAGGCTTCGGGCGAG
TCCCAAGTGAGCCATGCCTACAGGTCGAGTGGTGGGCATACTCAGAAGAAGTGGCGG
GATTATGTGGTGACATTTCCGTCCAAAGAAGAGGTCCAATCTCAGGGCAAAAATGCTCAG
AAAATCCTGGTTACACCTGGGATTACAGAATTCCTCAAAATTCGAATTAGCACTCAGCAA
GCAGAAACCTCCAGGACTTCAGGGTGGTCGTGCGCATCGATTCTGGGAGTCAACATCT
GTGTATCCAAATGGACATTTTGTGCGTGTTTAGGAAGAATCGGAGATCTGGAAGGGGAA
ATTGCAACCATCCTGGTGGAAAACAGTATTTTCAGTTATTCTTTCTCAGAAGCTCAGATG
TGTGAGATGCCAGTAAACACACCAGAAAGTCCCTGGAAGGTGAGTCTGAAGAGGAACAA
AAACGTAAGACTTGAGGAAAAGCCATCTCGTATTAGCATTGACCCAAAGGTTGTGAA
GATGTGGATGACACACTCTCAGTCAGAACCTTAAATAATGGCAACCTGGAACCTGGGGTC
CACATCGCAGATGTAACACACTTTGTGGCACCAAAATCTTACATTGATATTGAAGCTAGA
ACAAGGGCCACCCTTATTATCTAGCAGATCGTCGCTATGACATGCTGCCTTCCGTCCTC
AGTGCAGATTTGTGTTCCCTTCTGGGAGGCGTTGATAGGTATGCTGTAAGCATCATGTGG
GAACTGGATAAAGCCTTATGAAATTAAGAAAGTGTGGTATGGCAGAACCATTATTCGA

```



[View online »](#)

TCAGCATACAAACTGTTCTATGAAGCAGCCCAAGAACTACTGGATGGAACTTAAGCGTT
 GTTGATGATATCCAGAATTCAAAGACTTGGGTGAGAAGAGCAGACAAGCCAAGCTGGAG
 GAGTTGGTGTGGGCAATTGGAAGCTGACCGACATAGCTCGCCATGTCAGAGCTAAACGA
 GACGGATGTGGTGCCCTGGAAGCTGGAAGGGGTAGAGGTTTGCCTACAGCTAGATGACAAA
 AAGAACATTCACGACCTCATCCCAAGCAGCCCCTGGAAGTCCACGAGACAGTGGCTGAA
 TGCATGATCCTGGCCAACCACTGGGTCCGCAAAAAGATCTGGGAGAGCTCCCTCATCAG
 GCCTTGTGCGCCAGCACCCCTCCACACCAGGAGTTCTTTTCAGAAGTCCGGGAAATGT
 GCTAAAGCCAAAAGGCTTCTTCATAGATACACGGTCCAATAAAACACTGGCTGATTCTCTG
 GATAATGCGAACGACCCCCACGATCCCATTGTGAACAGGCTACTGCGCTCCATGGCCACG
 CAGGCCATGTGCAATGCTCTGTACTTCTCCACCGGATCCTGTGCGGAGGAGGAGTTCCAT
 CATTACGGTCTTGCATTAGATAAATATACCCACTTTACTTCTCCAATAAGAAGATATTCA
 GATATTGTAGTACACCGTTGTTAATGGCAGCCATTTCAAAGATAAGAAAATGGAAAT
 AAGGGAATCTGTTTCAGCAACAAAGATCTTGAGGAATTATGCAGACATATCAACAACAGA
 AACCAAGCAGCACAGCATTCTCAGAAGCAGTCTACTGAGCTCTTCCAGTGCATGACTTC
 AAAGACAAGACCCTGCCACCGAGGAGCGTTGCATATCTGACGGAGTTATTTATTCAATT
 AGAACAAATGGTGTGCTTCTATTATACCAAGTTTGGGATTAAGGTGCTGCTTATCTA
 AAAAATAAAGATGGTTTGTGCTCATCTCATGTGGCCAGATAGCTGTTCTGATGGAACCA
 GGATCCCTTCAACGATTTCAAAACAAAATTACCTACTACAACAGATGGGGAATCTGTT
 ACGTTCATTTGTTTGACCATGTAACCGTAAGAATATCCATACAGGCCTCACGTTGCCAT
 TCTGATACAATCAGACTTGAAATAATTAGTAACAAACCATACAAGATACCAAATACAGAA
 CTTATTCATCAGAGTTCCCCCTTGCTGAAGAGTGAGTTAGTGAAGAAGTAACTAAATCT
 GTGGAAGAAGCTCAGCTTGCCCAAGAAGTCAAAGTAAACATCATTACAGGAGGAATACAA
 GAATATCGCCAAAACAAAGGGAAGGAGCCTATACACACTTCTAGAGGAGATACGGGACCTA
 GCTCTCCTGGATGTTTCAAACAATTATGGAATATGA

Clone variation with respect to NM_133375.3
 1592 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_133375 unedited
 NGGGGTCCCATTAGTATACGACTCATATAGGCGCNCGCGATTTCGGCACGAGGTTCTTC
 ACCTGCCGTCCAGGTATCATCCTAGTCTTCCCTCCGTCTCTGGGATGGGAAACTCTTGTC
 TAGTGATGTGACTCATTACGTGATCCCAGACTGGAAGTTGTTCAAGATTATCTTGAGAT
 CCTTGAGTTTCTGAGTTGAAGGGAATTTTTTCATGCAGACAGCTTGTCAAGCTGTGCA
 GCATCAAAGAGGCAGGAGACAGTATAACAAACTGCGAAACCTGCTGAAGGATGCGCGTCA
 TGATTGCATTCTTTGCTAATGAATCCAGCAATGCTGCTATCTGCCACGGGAAAGAGG
 AGAGTCCATGGAGAAGTGGCAGACCAGGAGCATATACAACGCAGCTGTTTGGTACTATCA
 TCACTGCCAGGACAGGATGCCAATTGTTATGGTGACAGAAGATGAAGAGGCAATTCAGCA
 GTATGGAAGTGAACAGAAGGAGTATTCGTGATTACTTTCAAGAATTACCTGGACAATTT
 CTGGCCTGATTTAAAAGCTGCCACGAGCTTTGTGATTCTATCCTTCAGTCTCGACGGGA
 GAGAGAGAATGAGAGTCAGGAGGCCATGGGAAGGAGTACCCAGAACATCTTCCCCTGNA
 AGTGTTAGAAGCTGGGATTAATCTGGACGCTATATCCAGGGAATTTCTGATGTCAACAA
 ACACAGAGCCCAATAGAAGCTTTTGTTCGACTTCAAAGAGCCAGCAGTAAAGATTGAGA
 TTTAGTCAGTGACATCCTAATCCACGGGATGAAAGGCTCGAACCGCTCAATTCATGGAGA
 TGTGGTANNTGTGGGAGCTGCTTTCCTAAAATGAATGGNAAGGGAGAACCGTACCCCTGT
 GTGAGAATGACTGTGACA

3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_133375 unedited CTACATCTAAGNAACCGCGGCCGATTCTAGNGATCGATTTTTTTTTTTTTTTTTTTGGAA AGGAGTCTCGCTCTGTTGCCAGGCTCGGAAGCAGTGGTGCGATCTCGGCTCACTGCAAC CTCCTCTTCTGGGTTACAGGCAATTCTCCTGCTCAGCCTCCCAAGTAGCTGGGACTACA GGCGCATGCCACCACGCCGGGCTAATTTTTGTATTTTAGTAGAGACTGGGTTTACCCTG GTTAGCCAGGATGGTCTCAATCTCCTGACCTCGTGATCCGCCCGCTCAGCCTCCCAAAG TGCTGGGGTTACAGGCGTGAGCCACCGTGCCCGGCTGAGAACATTTACATATATGCGAA ATAGTACCCAGTCTGATCGACTAGAGCACTGAGTGACACACATTAAATGTTAAGTTTG AAAAGACTGTAAAACATTCACATATGACAGCTCTTAGTGAAGTAAGAGCCTCTCATATTC CATAATTGTTTGAACATCCAGGAGAGCTAGGTCCCGTATCTCCTCTAGAAGTGTGTATA GGCTCCTTCCCTTTGTTGGCGATATTCTTGATTTCTCCTCTGAATGATGTTTACTTTGA CTTCTGGGCAAGCTGAGCTTCTCCACAGATTTAGTTACTTCTTCTCACTAACTCACTCT TCAGCAAGGGGAACTCTGATGAATAAGTTCTGTATTTGGTATCTGTATGGTTTGTAC TAATTATTTCAAGTCTGATTGTATCAGAATGGCAACGTGGAGCCTGTATGGATATTTCTTA CGGTTACATGGTCAAACCNATGGAACGTAACAGATTCCCATCTGTTGTAGTAGAGGTAA TTTTGTGTTGAAATCTTTGAAGGATCCTGGTCCATTCAAACAGCTATCTGGGCCATGA AATT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_133375
Insert Size:	3700 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:	<ol style="list-style-type: none"> 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_133375.2 , NP_588616.1
RefSeq Size:	3685 bp
RefSeq ORF:	2916 bp
Locus ID:	115752
UniProt ID:	Q8TF46
Cytogenetics:	15q22.31
Domains:	RNB

Gene Summary:

The cytoplasmic RNA exosome complex degrades unstable mRNAs and is involved in the regular turnover of other mRNAs. The protein encoded by this gene contains 3'-5' exoribonuclease activity and is a catalytic component of this complex. [provided by RefSeq, May 2016]

Transcript Variant: This variant (2) represents an alternate first exon and the transcript has a smaller open reading frame compared to variant 1. The resulting protein isoform (2) has a shorter N-terminus than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.