

Product datasheet for **SC330593**

DIS3L2 (NM_001257282) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DIS3L2 (NM_001257282) Human Untagged Clone
Tag: Tag Free
Symbol: DIS3L2
Synonyms: FAM6A; hDIS3L2; PRLMNS
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330593 representing NM_001257282.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

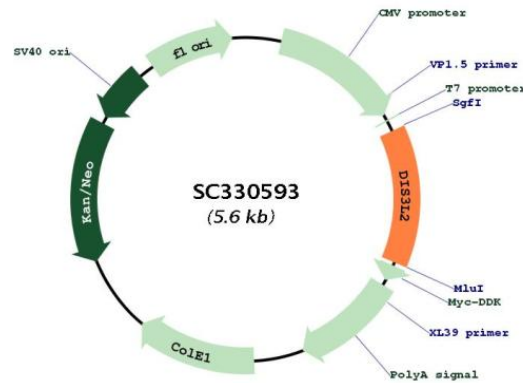
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ATGAGCCATCCTGACTACAGAATGAACCTCCGGCCCTGGGGACCCCGAGAGGTGTGTCTGCTGTGGCT
GGTCCACATGACATTGGTGCTTCGCCAGGTGACAAAAAGTCAAAGAACAGGTCCACACGAGGGAAGAAA
AAGAGCATATTTGAAACTTACATGTCCAAGGAGGATGTTTCAGAAGGCTTGAAGAGAGGAACACTCATC
CAGGGTGTATTGAGAATTAATCCAAGAAGTTTCATGAAGCCTTCATTCTTCCCGGATGGTGATCGA
GACATTTTTATTGATGGGGTTGTTGCTCGTAATAGAGCCTTAAATGGGGATCTGGTGGTCTGAAACTG
CTTCCCGAGGAGCATTGGAAGGTAGTTAAACCAGAGAGCAATGACAAAGAAACAGAAGCTGCGTATGAA
TCAGATATCCCGAGGAGCTCTGTGGACACCATCTCCCGCAACAGTCCCTGAAAAGCTATAATGACAGT
CCTGATGTCATTGTAGAGGCTCAGTTTGTATGGCAGCGACTCAGAAGATGGACATGGCATCACACAAAAT
GTGCTGGTTGATGGTGTTAAGAACTCTCAGTTTGTGTTTCTGAGAAAGGAAGAGAGGATGGTATGCA
CCGGTTACAAAAGATGAGACCACCTGCATTTACAAAGACACAAGAGCTTTATCGGAGAAAATCCCTGCAA
AGATCAGCAAAGGTCATTGCCTACAGATTTTCTCCACGTGTCCAATGGCTTTCACCTGA
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001257282

Insert Size: 750 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_001257282.1](#)

RefSeq Size: 1154 bp

RefSeq ORF: 750 bp

Locus ID: 129563

UniProt ID: [Q8IYB7](#)

Cytogenetics: 2q37.1

MW: 27.5 kDa

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 (3) lacks several exons and its transcription extends past a splice site that is used in variant 1, resulting in a novel 3' coding region and 3' UTR compared to variant 1. It encodes isoform 3, which is shorter and has a distinct C-terminus compared to isoform 1.