

# Recombinant Human DIS3L2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DIS3L2-1444H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DIS3L2 MS Standard C13 and N15-labeled recombinant protein (NP_689596) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 99.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MSHPDYRMNLRPLGTPRGVSAVAGPHDIGASPGDKKSKNRSTRGKKKSIFETYMSK<br>EDVSEGLKRGTLIQGVLRINPKKFHEAFIPSPDGDRDIFIDGVVARNRALNGDLVVVK<br>LLPEEHWKVVKPESNDKETEAAYESDIPEELCGHHLPQQSLKSYNDSPDVIVEAQFD<br>GSDSEDGHGKITQNVLDGVKKLSVCVSEKGREDGDAPVTKDETTICISQDTRALSEK<br>SLQRS AKVVYILEKKHSRAATGFLKLLADKNS ELFRKYALFSPSDHRVPRIYVPLKDC<br>PQDFVARPKDYANTLFICRIVDWKEDCNFALGQLAKSLGQAGEIEPETEGILTEYGVD<br>FSDFSSEVLECLPQGLPWTIPPEEFSKRRDLRKDCIFTIDPSTARDLDDALSCKPLAD<br>GNFKVGVHIADVSYFVPEGS DLDKVA AERATSVYLVQKVVPMLPRLLCEELCSL NPM<br>SDKLTFSVIWTLTPEGKILDEWFGRTIIRSCTKLSYEHAQSMIESPTEKIPAKELPPISP |

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EHSSEEVHQAVLNLHGIKQLRQQRFDGALRLDQLKLAFTLDHETGLPQGCHIYEY  
 RESNKLVEEFMLLANMAVAHKIHRAPPEQALLRRHPPPQTRMLSDLVEFCDQMGLP  
 VDFSSAGALNKSLTQTFGDDKYSLARKEVLTNMCSRPMQMALYFCSGLLQDPAQF  
 RHYALNVPLYTHFTSPIRRFADVLVHRLAAALGYRERLDMAPDTLQKQADHCNDR  
 RMASKRVQELSTSLFFAVLVKESGPLESEAMVMGILKQAFDVLVLRYGKRIYCNA  
 LALRSHHFQKVGKKPELTLWEPEDMEQEPAAQQVITIFSLVEVVLQAESTALKYSAIL  
 KRPGTQGHLGPEKEEEEESDGEPEDSSTSTRTRPLEQKLISEEDLAANDILDYKDDDD  
 KV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** DIS3L2 DIS3 like 3'-5' exoribonuclease 2 [ Homo sapiens (human) ]

**Official Symbol** DIS3L2

**Synonyms** DIS3L2; DIS3 mitotic control homolog (S. cerevisiae)-like 2; FAM6A, family with sequence similarity 6, member A; DIS3-like exonuclease 2; FLJ36974; MGC42174; family with sequence similarity 6, member A; FAM6A; PRLMNS;

**Gene ID** 129563

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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_152383 |
| Protein Refseq | NP_689596 |
| MIM            | 614184    |
| UniProt ID     | Q8IYB7    |

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