Recombinant Mouse Dis3l2 Protein, Myc/DDK-tagged

Cat. No. Dis3l2-2570M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DIS3 like 3'-5' exoribonuclease 2 (Dis3l2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	3'-5'-exoribonuclease that specifically recognizes RNAs polyuridylated at their 3' end and mediates their degradation. Component of an exosome-independent RNA degradation pathway that mediates degradation of both mRNAs and miRNAs that have been polyuridylated by a terminal uridylyltransferase, such as ZCCHC11/TUT4. Mediates degradation of cytoplasmic mRNAs that have been deadenylated and subsequently uridylated at their 3'. Mediates degradation of uridylated pre-let-7 miRNAs, contributing to the maintenance of embryonic stem (ES) cells. Essential for correct mitosis, and negatively regulates cell proliferation.
Molecular Mass	97.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Dis3l2 DIS3 like 3'-5' exoribonuclease 2 [Mus musculus (house mouse)]
Official Symbol	Dis3l2
Synonyms	DIS3L2; DIS3 mitotic control homolog (S. cerevisiae)-like 2; DIS3-like exonuclease 2; 4930429A22Rik; 8030493P09Rik; MGC37640
Gene ID	208718
mRNA Refseq	NM_153530
Protein Refseq	NP_705758
UniProt ID	Q8CI75

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