Recombinant Mouse Dis3l Protein, Myc/DDK-tagged

Cat. No. Dis3l-2569M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DIS3 like exosome 3'-5' exoribonuclease (Dis3l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Putative cytoplasm-specific catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA.
Molecular Mass	110.7 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.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Dis3l DIS3 like exosome 3'-5' exoribonuclease [Mus musculus (house mouse)]
Official Symbol	Dis3l
Synonyms	DIS3L; DIS3 mitotic control homolog (S. cerevisiae)-like; DIS3-like exonuclease 1; AV340375
Gene ID	213550
mRNA Refseq	NM_001177784
Protein Refseq	NP_001171255
UniProt ID	Q8C0S1

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