

Recombinant Mouse Rnaseh2b Protein, Myc/DDK-tagged

Cat. No. Rnaseh2b-5538M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ribonuclease H2, subunit B (Rnaseh2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Non catalytic subunit of RNase H2, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes.
Molecular Mass	35.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rnaseh2b ribonuclease H2, subunit B [Mus musculus (house mouse)]
Official Symbol	Rnaseh2b
Synonyms	Rnaseh2b; ribonuclease H2, subunit B; Dleu; Dleu8; 1110019N06Rik; 2610207P08Rik; ribonuclease H2 subunit B; RNase H2 subunit B; deleted in lymphocytic leukemia 8 homolog; ribonuclease HI subunit B
Gene ID	67153
mRNA Refseq	NM_026001
Protein Refseq	NP_080277
UniProt ID	Q80ZV0

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