

Recombinant Full Length Mouse Rnaseh2a Protein, Myc/DDK-tagged

Cat. No. Rnaseh2a-5537M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ribonuclease H2, large subunit (Rnaseh2a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic subunit of RNase HII, 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	33.5 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	Rnaseh2a ribonuclease H2, large subunit [Mus musculus (house mouse)]
Official Symbol	Rnaseh2a
Synonyms	RNASEH2A; ribonuclease H2, large subunit; ribonuclease H2 subunit A; RNase H2 subunit A; RNase HI large subunit; ribonuclease HI subunit A; ribonuclease HI large subunit; RNHL; RNHIA; RNASEHI; 2400006P09Rik
Gene ID	69724
mRNA Refseq	NM_027187
Protein Refseq	NP_081463
UniProt ID	Q9CWY8

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