

Recombinant Mouse Elac2 Protein, Myc/DDK-tagged

Cat. No. Elac2-2796M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length elac ribonuclease Z 2 (Elac2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Zinc phosphodiesterase, which displays mitochondrial tRNA 3'-processing endonuclease activity. Involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA. Associates with mitochondrial DNA complexes at the nucleoids to initiate RNA processing and ribosome assembly.
Molecular Mass	92.7 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Elac2 elaC ribonuclease Z 2 [Mus musculus (house mouse)]
Official Symbol	Elac2
Synonyms	ELAC2; elaC homolog 2 (E. coli); zinc phosphodiesterase ELAC protein 2; RNase Z 2; tRNase Z 2; tRNase Z(L); ribonuclease Z 2; tRNA 3 endonuclease 2; elaC homolog protein 2; Hpc2; D11Wsu80e; 1110017O07Rik
Gene ID	68626
mRNA Refseq	NM_023479
Protein Refseq	NP_075968
UniProt ID	Q80Y81

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