

Recombinant Human ELAC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELAC1-2236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELAC1 MS Standard C13 and N15-labeled recombinant protein (NP_061166) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Zinc phosphodiesterase, which displays some tRNA 3'-processing endonuclease activity. Probably involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA.
Molecular Mass	40 kDa
AA Sequence	MSMDVTFLLGTGAAYPSPTRGASAVVLRCEGECWLFDCGEGTQTQLMKSQLKAGRI TKIFITHLHGDHFFGLPGLLCTISLQSGSMVSKQPIEIYGPVGLRDFIWRTMELSHTEL VFHYVVHELVPADQCPAEELKEFAHVNRAADSPPKKEEQGRTILLDSEENSYLELLFDDE QFVVKAFRLFHRIPSFSGFSVVEKKRPGKLNQKLKDLGVPPGPAYGKLKNGISVVLE NGVTISPQDVLKKPIVGRKICILGDCSGVVGDDGKLCFEADLLIHEATLDDAQMDKA KEHGHSTPQMAATFAKLCRAKRLVLTHFSQRYKPVALAREGETDGLAELKKQAESVL DLQEVTLAEDFMVISIPIKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ELAC1 elaC ribonuclease Z 1 [Homo sapiens (human)]

Official Symbol ELAC1

Synonyms ELAC1; elaC ribonuclease Z 1; elaC (E. coli) homolog 1; zinc phosphodiesterase ELAC protein 1; D29; tRNA Z (short form); RNase Z 1; tRNase ZS; tRNase Z 1; deleted in Ma29; ribonuclease Z 1; tRNA 3 endonuclease 1; elaC homolog protein 1; tRNA 3 processing endoribonuclease; FLJ59261;

Gene ID 55520

mRNA Refseq NM_018696

Protein Refseq NP_061166

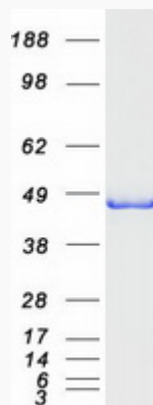
MIM 608079

UniProt ID Q9H777

 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

SDS-PAGE

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