

## ElaC Ribonuclease Z 1 Human Recombinant

<b>Item Number</b>	rAP-1349
<b>Synonyms</b>	ElaC Ribonuclease Z 1, D29, ElaC Homolog Protein 1, TRNA 3 Endonuclease 1, TRNA Z (Short Form), Ribonuclease Z 1, Deleted In Ma29, EC 3.1.26.11, TRNase Z 1, RNaseZ(S), RNase Z 1, Zinc Phosphodiesterase ELAC Protein 1, TRNA 3 Processing Endoribonuclease, E
<b>Description</b>	ELAC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 386 amino acids (1-363 a.a) and having a molecular mass of 42.4 kDa.ELAC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9H777
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMMDVTF LGTGAAYPSP TRGASAVVLR CEGECWLFDC GEGTQTQLMK SQLKAGRITK IFITHLHGDH FFGLPGLLCT ISLQSGSMVS KQPIEIYGPV GLRDFIWRM ELSHTELVFH YVVELVPTA DQCPAEELKE FAHVNRADSP PKEEQGRTIL LDSEENSYLL FDDEQFVV- KA FRLFHRIPSF GFSVVEKKRP GKLNAQKLD LGVPPGPAYG KLKNGISVVL ENGVITSPQD VLKK- PIVGRK ICILGDCSGV VGDGGVKLCF EADLLIHEAT LDDAQMDKAK EHGHS TPQMA ATFAKLCRAK RLVLTHFSQR YKPVALAREG ETDGIAELKK QAESVLDLQE VTLAEDFMVI SIPIKK
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ELAC1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**