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32-6734: ELAC1 Human

Alternative Name :	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, ElaC (E. Coli) Homolog 1, ElaC Homolog 1 (E. Coli), ElaC Homolog 1, TRNase ZS, ELAC1.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
ElaC Ribonuclease Z 1, also known as ELAC1 is a member of the RNase Z family.Â Zinc phosphodiesterase, which shows some tRNA 3'-processing endonuclease activity. In addition, ELAC1 is implicated in tRNA maturation, by removing a 3'-trailer from precursor tRNA.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	ELAC1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSMDVTF LGTGAAYPSP TRGASAVVLR CEGECWLFDC GEGTQTQLMK SQLKAGRITK IFITHLHGDH FFGLPGLLCT ISLQSGSMVS KQPIEIYGPV GLRDFIWRTM ELSHTELVFH YVVHELVPTA DQCPAEELKE FAHVNRADSP PKEEQGRTIL LDSEENSYLL FDDEQFVVKA FRLFHRIPSF GFSVVEKKRP GKLNAQKLKD LGVPPGPAYG KLKNGISVVL ENGVTISPQD VLKKPIVGRK ICILGDCSGV VGDGGVKLCF EADLLIHEAT LDDAQMDKAK EHGHSTPQMA ATFAKLCRAK RLVLTHFSQR YKPVALAREG ETDGIAELKK QAESVLDLQE VTLAEDFMVI SIPIKK

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