

Recombinant Full Length Human ELAC1 Protein, GST-tagged

Cat. No. ELAC1-4329HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELAC1 full-length ORF (NP_061166.1, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	363 amino acids
Description	ELAC1 (ElaC Ribonuclease Z 1) is a Protein Coding gene. Diseases associated with ELAC1 include Prostate Cancer Susceptibility. Among its related pathways are RNA transport. GO annotations related to this gene include endoribonuclease activity, producing 5-phosphomonoesters and 3-tRNA processing endoribonuclease activity. An important paralog of this gene is ENSG00000267699.
Molecular Mass	66.4 kDa
AA Sequence	MSMDVTFLGTGAAYPSPTRGASAVVLRCEGECWLFDCGEGTQTQLMKSQLKAGRI TKIFITHLHGDHFFGLPGLLCTISLQSGSMVSKQPIEIYGPVGLRDFIWRTMELSHTL VFHYVVHELVPADQCPAEELKEFAHVN RADSPPKKEEQGRTILLDSEENS YLLFDDE QFVVKAFRLFHRIPSF GFSVVEKKRPGKLN AQKLKDLGVPPGPAYGKLKNGISVVLE NGVTISPQDVLKKPIVGRKICILGDCSGVVG DGGVKLCFEADLLIHEATLDDAQMDKA KEHGHSTPQMAATFAKL CRAKRLVLTHFSQRYKPVALAREGETD GIAELKKQAESVL DLQEVTLAEDFMVISIPIKK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ELAC1 elaC homolog 1 (E. coli) [Homo sapiens]
Official Symbol	ELAC1
Synonyms	ELAC1; elaC homolog 1 (E. coli); 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

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