

Recombinant Human ELAC1 Protein, GST-tagged

Cat. No. ELAC1-3227H **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	Wheat Germ
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 AQLKDLGVPPGPAYGKLKNGISVVLE NGVTISPQDVLKKPIVGRKICILGDCSGVVGDGGVKLCFEADLLIHEATLDDAQMDKA KEHGHSTPQMAATFAKLCRAKRLVLTHFSQRYKPVALAREGETD GIAELKKQAESVL DLQEVTLAEDFMVISIPIKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

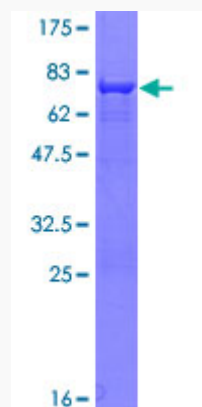
 Tel: 1-631-559-9269 1-516-512-3133

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

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

	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 <i>elaC</i> homolog 1 (E. coli) [Homo sapiens]
Official Symbol	ELAC1
Synonyms	ELAC1; <i>elaC</i> homolog 1 (E. coli); <i>elaC</i> (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; <i>elaC</i> homolog protein 1; tRNA 3 processing endoribonuclease; FLJ59261;
Gene ID	55520
mRNA Refseq	NM_018696
Protein Refseq	NP_061166
MIM	608079
UniProt ID	Q9H777

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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