

Recombinant Human ELAC2 Protein, GST-tagged

Cat. No. ELAC2-12395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELAC2 Protein(86-385 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	86-385 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.0). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	NCGEGVQRLMQEHKLKVARLDNIFLTRMHWSNVGGLSGMILTLKETGLPKCVLSGP PQLEKYLEAIKIFSGPLKGIELAVRPHSAPEYEDETMTVYQIPIHSEQRRGKHQPWQS PERPLSRLSPERSSDSELNENEPHLPHGVSQRRGVRDSSLVVAFICKLHLKRGNFLV LKAKEMGLPVGTAAPIIAAVKDGKSITHEGREILAEELCTPPDPGAAFVVVECPDES FIQPICENATFQRYQGKADAPVALVVHMAPASVLVDSRYQQWMERFGPDTQHLVLN ENCASVHNLRSKI
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name [ELAC2](#) [elaC homolog 2 \(E. coli\) \[Homo sapiens \]](#)

Official Symbol [ELAC2](#)

Synonyms

ELAC2; elaC homolog 2 (E. coli); elaC (E. coli) homolog 2; zinc phosphodiesterase ELAC protein 2; FLJ10530; HPC2; tRNase Z (long form); RNase Z 2; tRNase Z 2; ribonuclease Z 2; tRNA 3 endonuclease 2; elaC homolog protein 2; heredity prostate cancer protein 2; putative prostate cancer susceptibility protein HPC2/ELAC2; ELC2; FLJ36693; FLJ42848;

Gene ID [60528](#)

mRNA Refseq [NM_001165962](#)

Protein Refseq [NP_001159434](#)

MIM [605367](#)

UniProt ID [Q9BQ52](#)

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SDS-PAGE

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