

## Recombinant Human ELN, His-tagged

Cat. No. ELN-12415H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ELN protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	307-658a.a.
<b>Description</b>	This gene encodes a protein that is one of the two components of elastic fibers. The encoded protein is rich in hydrophobic amino acids such as glycine and proline, which form mobile hydrophobic regions bounded by crosslinks between lysine residues. Deletions and mutations in this gene are associated with supravalvular aortic stenosis (SVAS) and autosomal dominant cutis laxa. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

**Gene Name** ELN elastin [ Homo sapiens ]

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Official Symbol</b>	ELN
<b>Synonyms</b>	ELN; elastin; supravalvular aortic stenosis; SVAS; tropoelastin; WBS; Williams Beuren syndrome; WS; FLJ38671; FLJ43523;
<b>Gene ID</b>	2006
<b>mRNA Refseq</b>	NM_000501
<b>Protein Refseq</b>	NP_000492
<b>MIM</b>	130160
<b>UniProt ID</b>	P15502
<b>Chromosome Location</b>	7q11.1-q21.1
<b>Pathway</b>	Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;
<b>Function</b>	extracellular matrix constituent conferring elasticity; extracellular matrix structural constituent; protein binding;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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