

## Eukaryotic Elastin (ELN) Protein | ELN protein

Eukaryotic Elastin (ELN)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153209</b> | HOST<br><b>293F Cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Eukaryotic Elastin (ELN); Elastin; ELN recombinant protein (eukaryotic; 293F Cell); Human; WBS; WS; SVAS; Tropoelastin; Supravalvular Aortic Stenosis; Williams-Beuren Syndrome; ELN protein

### PRODUCT SPECIFICATIONS

|                                         |                                                                                                              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                    | 293F Cell                                                                                                    |
| Purity/Purification                     | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                             | PBS, pH7.4, containing 5% Trehalose.<br>Freeze-dried powder                                                  |
| Sequence Positions                      | Gly392~Ala645                                                                                                |
| Applicable Applications for ELN protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                       | Eukaryotic expression                                                                                        |
| Species                                 | Human                                                                                                        |
| Tag                                     | N-terminal His                                                                                               |
| Endotoxin Level                         | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                       | 10.7                                                                                                         |
| Subcellular Location                    | Secreted                                                                                                     |
| Research Area                           | Metabolic pathway                                                                                            |
| Preparation and Storage                 | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

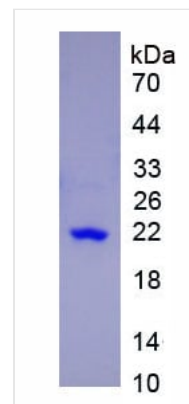
### IMAGES

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GGIPTYGVG
AGGFPGFGVG VGGIPGVAGV PGVGGVPGVG GVPGVGISPE AQAAAAAKAA
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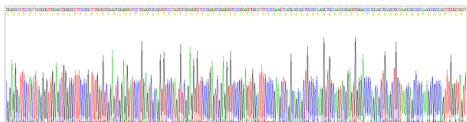
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Amino Acid Info



SDS-PAGE

Figure. SDS-PAGE



## Sequence

Figure . Gene Sequencing (extract)

## ADDITIONAL INFORMATION

|                                           |                     |
|-------------------------------------------|---------------------|
| Product Categories/Family for ELN protein | Eukaryotic proteins |
|-------------------------------------------|---------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 525313599                                                                                      |
| NCBI GeneID                      | 2006                                                                                           |
| NCBI Accession #                 | NP_001265868.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001278939.1                                                                                 |
| UniProt Accession #              | P15502; O15336; O15337; Q14233; Q14234; Q14235; Q14238; Q6P0L4; Q6ZWJ6; Q75MU5; Q7Z316; B3KTS6 |
| Molecular Weight                 | 68,469 Da                                                                                      |
| NCBI Official Full Name          | elastin isoform m                                                                              |
| NCBI Official Synonym Full Names | elastin                                                                                        |
| NCBI Official Symbol             | ELN                                                                                            |
| NCBI Official Synonym Symbols    | WS; WBS; SVAS                                                                                  |
| NCBI Protein Information         | elastin; tropoelastin                                                                          |
| UniProt Protein Name             | Elastin                                                                                        |
| UniProt Gene Name                | ELN                                                                                            |
| UniProt Entry Name               | ELN_HUMAN                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/293f-protein/eukaryotic-elastin-eln/153209>