

Recombinant Human ELN cell lysate

Cat. No. ELN-550HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ELN elastin [Homo sapiens]
Official Symbol	ELN
Synonyms	ELN; elastin; supravalvular aortic stenosis; SVAS; tropoelastin; WBS; Williams Beuren syndrome; WS; FLJ38671; FLJ43523;

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Gene ID	2006
mRNA Refseq	NM_000501
Protein Refseq	NP_000492
MIM	130160
UniProt ID	P15502
Chromosome Location	7q11.1-q21.1
Pathway	Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;
Function	extracellular matrix constituent conferring elasticity; extracellular matrix structural constituent; protein binding;

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