

# Recombinant Full Length Human FBLN5 Protein, GST-tagged

**Cat. No.** FBLN5-4894HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FBLN5 full-length ORF (BAG52073.1, 1 a.a. - 448 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	448 amino acids
<b>Description</b>	The protein encoded by this gene is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling. Defects in this gene are a cause of autosomal dominant cutis laxa, autosomal recessive cutis laxa type I (CL type I), and age-related macular degeneration type 3 (ARMD3). [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	76.6 kDa
<b>AA Sequence</b>	MPGIKRILTVTILALCLPSPGNAQAQCTNGFDLDRQSGQCLDIDECRTIPEACRGDM MCVNQNGGYLCIPRTNPVYRGPYSNPYSTPYSGPYPAAPPLSAPNYPTISRPLICR FGYQMDESNCQVDVDECATDSHQCNPTQICINTEGGYTCSCTDGYWLLEGQCLDI

 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

DECRYGYCQQLCANVPGSYSCTCNPGFLLNEDGRSCQDVNECATENPCVQTCVN  
 TYGSFICRCDPGYELEEDGVHCSDMDECSFSEFLCQHECVNQPGTYFCSCPPGYIL  
 LDDNRSCQDINECEHRNHTCNLQQTCYNLQGGFKCIDPIRCEEPYLRISDNRCMCP  
 AENPGCRDQPFTILYRDMDVVSGRSVPADIFQMMAATTRYPGAYYIFQIKSGNEGREF  
 YMRQTGPISATLVMTRPIKGPREIQLDLEMITVNTVINFRGSSVIRLRIYVSQYPF

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 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** [FBLN5 fibulin 5 \[ Homo sapiens \]](#)

**Official Symbol** [FBLN5](#)

**Synonyms** FBLN5; fibulin 5; Fibulin 5; Developmental Arteries And Neural Crest EGF-Like Protein; Urine P50 Protein; FIBL-5; DANCE; UP50; Testis Tissue Sperm-Binding Protein Li 75n; Fibulin-5; ARCL1A; HNARMD; ADCL2; ARMD3; EVEC; fibulin-5; developmental arteries and neural crest EGF-like protein; testis tissue sperm-binding protein Li 75n; urine p50 protein

**Gene ID** [10516](#)

 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



mRNA Refseq	NM_006329
Protein Refseq	NP_006320
MIM	604580
UniProt ID	Q9UBX5

 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