

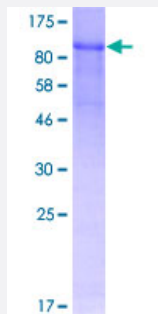
Full-Length

FBLN1 (Human) Recombinant Protein (P01)

Catalog # H00002192-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FBLN1 full-length ORF (AAH22497.1, 1 a.a. - 683 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MERAAPSRRVPLQLLLLGGALLAAGVDADVLEACCADGHRMATHQKDCSLPYATESKECRM
VQEQCCHSQLEELHCATGISLANEQDRCATPHGDNASLEATFVKRCCHCCLLGRAAQAQQQSC
EYSLMVGYYQCGQVFRACCVKSQETGDLVDGGLQETDKIIEVEEQEDPYLNDRCRGGGPCKQQ
CRDTGDEVVCSCFVGYYQLSDGVSCEDVNECITGSHSCRLGESCIINTVGSFRCQRDSSCGTGYE
LTEDNSCKDIDECESGIHNCLPDFICQNTLGSRFCRPLQCKSGFIQDALGNCIDINECLISAPCPI
GHTCINTEGSYTCQKNVPNCGRGYHLNEEGTRCVDVDECAPPAEPCGKGHRCVNSPGSFRCEC
KTGYFDGSRMCVDVNECQRYPGRLCGHKCENTLGSYLCSCSVGFRLSVDGRSCEDINECSSS
PCSQECANVYGSYQCYCRRGYQLSDVDGVTCEIDECALPTGGHICSYRCINIPGSFQCSCPSSG
YRLAPNGSNQCQDIDECVTGIHNCSINETCFNIQGGFRCLAFECPENYRRAATRCERLPCHENREC
SKLPLRITYYHLSFPTNIQAPAVVFRMGPSAVPGDSMQLAITGGNEEGFFTRKVSHPHSGVVALT
KPVPEPRDLLLTVKMDLSRHGTVSSFVAKLFIFVSAEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FBLN1

Entrez GeneID	2192
GeneBank Accession#	BC022497.1
Protein Accession#	AAH22497.1
Gene Name	FBLN1
Gene Alias	FBLN
Gene Description	fibulin 1
Omim ID	135820 608180
Gene Ontology	Hyperlink
Gene Summary	Fibulin 1 is a secreted glycoprotein that becomes incorporated into a fibrillar extracellular matrix. Calcium-binding is apparently required to mediate its binding to laminin and nidogen. It mediates platelet adhesion via binding fibrinogen. Four splice variants which differ in the 3' end have been identified. Each variant encodes a different isoform, but no functional distinctions have been identified among the four variants. [provided by RefSeq]
Other Designations	OTTHUMP00000028589

Disease

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- [Heart Defects](#)
- [Infertility](#)
- [Tobacco Use Disorder](#)