

Recombinant Human FBLN1, GST-tagged

Cat. No. FBLN1-12764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBLN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-300a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FBLN1 fibulin 1 [Homo sapiens]
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Official Symbol	FBLN1
Synonyms	FBLN1; fibulin 1; fibulin-1; FBLN; FIBL1;
Gene ID	2192
mRNA Refseq	NM_001996
Protein Refseq	NP_001987
MIM	135820
UniProt ID	P23142
Chromosome Location	22q13.31
Function	calcium ion binding; extracellular matrix structural constituent; peptidase activator activity;

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