

## Active Recombinant Human FBLN5 Protein, His-tagged

Cat. No. FBLN5-568H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FBLN5 (Accession # NP_006320) Gln24-Phe448, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Gln24-Phe448
<b>Predicted N Terminal</b>	No results obtained: Gln24 predicted
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS and EDTA.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to enhance the adhesion of HUVEC human umbilical vein endothelial cells. When $5 \times 10^4$ cells per well are added to rhFibulin-5 coated plate, cell adhesion is enhanced in a dose dependent manner after 60 minutes at 37 °C. ED50 for this effect is typically 0.1 - 0.4 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human FBLN5, His-tagged has a calculated MW of 48.6 kDa. In SDS-PAGE migrates as 60-66 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## GENE INFORMATION

**Gene Name** FBLN5 fibulin 5 [ Homo sapiens ]

**Official Symbol** FBLN5

**Synonyms** FBLN5; fibulin 5;

**Gene ID** 10433

**mRNA Refseq**

**Protein Refseq**

**MIM**

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