

Active Recombinant Human FBLN5 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	Gln24-Phe448
Predicted N Terminal	No results obtained: Gln24 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS and EDTA.
Bio-activity	Measured by the ability of the immobilized protein to enhance the adhesion of HUVEC human umbilical vein endothelial cells. When 5×10^4 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.
Molecular Mass	Recombinant Human FBLN5, His-tagged has a calculated MW of 48.6 kDa. In SDS-PAGE migrates as 60-66 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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