

Active Recombinant Human VTN

Cat. No. VTN-295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VTN (Accession # AAH05046.1) Asp20-Leu478 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	20-478 a.a.
Predicted N Terminal	Asp20
Form	Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of B16-F1 mouse melanoma cells. When 5 x 10 ⁴ cells/well are added to Vitronectin coated plates (5 µg/mL with 100 µL/well), approximately >55% will adhere after 30 minutes at 37 °C. Optimal concentration depends on cell type as well as the application or research objectives..
Molecular Mass	Recombinant Human VTN has a calculated MW of 52.3 kDa. In SDS-PAGE migrates as 70-80 kDa, reducing conditions.
Purity	>90%, 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	VTN vitronectin [Homo sapiens]
Official Symbol	VTN
Synonyms	VTN; vitronectin; vitronectin (serum spreading factor, somatomedin B, complement S protein); complement S protein; serum spreading factor; somatomedin B; VN; epibolin; S-protein; complement S-protein; serum-spreading factor; V75; VNT;
Gene ID	7448
mRNA Refseq	NM_000638
Protein Refseq	NP_000629
MIM	193190
UniProt ID	P04004
Chromosome Location	17q11.2

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