

## Native Human Vitronectin

Cat. No. VTN-5410H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native human monomeric Vitronectin prepared from fresh human plasma using non-denaturing chromatography.
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	The protein encoded by this gene is a member of the pexin family. Vitronectin is an abundant glycoprotein found in serum and the extracellular matrix and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors.
<b>Form</b>	Liquid in 0.05 M sodium phosphate + 0.1 M NaCl, pH 7.4.
<b>Molecular Mass</b>	75.0 kDa
<b>Storage</b>	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	1.0 mg/ml

### GENE INFORMATION

<b>Gene Name</b>	VTN vitronectin [ Homo sapiens ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Official Symbol</b>	VTN
<b>Synonyms</b>	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;
<b>Gene ID</b>	7448
<b>mRNA Refseq</b>	NM_000638
<b>Protein Refseq</b>	NP_000629
<b>MIM</b>	193190
<b>UniProt ID</b>	P04004
<b>Chromosome Location</b>	17q11.2
<b>Pathway</b>	ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; FOXA1 transcription factor network, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Inflammatory Response Pathway, organism-specific biosystem;
<b>Function</b>	extracellular matrix binding; heparin binding; integrin binding; polysaccharide binding; scavenger receptor activity;

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