

Native Human Vitronectin

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

SPECIFICATION

Product Overview	Native human monomeric Vitronectin prepared from fresh human plasma using nondenaturing chromatography.
Species	Human
Source	Human Plasma
Description	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.
Form	Liquid in 0.05 M sodium phosphate + 0.1 M NaCl, pH 7.4.
Molecular Mass	75.0 kDa
Storage	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml

GENE INFORMATION

Gene Name	VTN vitronectin [Homo sapiens]
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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
Pathway	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;
Function	extracellular matrix binding; heparin binding; integrin binding; polysaccharide binding; scavenger receptor activity;