Native Bovine Vitronectin

Cat. No. VTN-384B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native bovinemultimeric Vitronectin prepared from fresh bovine plasma using urea as adenaturant.
Species	Bovine
Source	Bovine Plasma
Description	The protein encodedby this gene is a member of the pexin family. Vitronectin is an abundantglycoprotein found in serum and the extracellular matrix and promotes celladhesion and spreading, inhibits the membrane-damaging effect of the terminalcytolytic complement pathway, and binds to several serpin serine protease inhibitors.
Form	Liquid in 0.1 Msodium phosphate + 0.15 M NaCl, pH 7.4.
Molecular Weight	68.0 kDa
Concentration	4.0 mg/ml
Storage	Store in workingaliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	VTN
Pathways	ECM-receptorinteraction; Focal adhesion; Integrin cell surface interactions; SignalTransduction

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GENE INFORMATION

Gene Name	VTN vitronectin [Bostaurus]
Synonyms	VTN; vitronectin;vitronectin (serum spreading factor, somatomedin B, complement S-protein); Uncharacterized protein; Vitronectin
Gene ID	507525
mRNA Refseq	NM_001035050
Protein Refseq	NP_001030222
UniProt ID	Q3ZBS7
Chromosome Location	19
Function	extracellular matrixbinding; integrin binding; polysaccharide binding; scavenger receptoractivity
The SMB domain(yellow) in complex with PAI-1	

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