

Native Rat Vitronectin

Cat. No. Vtn-683R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native ratmultimeric Vitronectin prepared from fresh rat plasma using urea as adenaturant.
Species	Rat
Source	Rat 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 proteaseinhibitors.
Form	Liquid in 0.05 Msodium phosphate + 0.1 M NaCl, pH 7.4.
Concentration	5.0 mg/ml
Storage	Store in workingaliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	Vtn
Pathways	ECM-receptorinteraction; Focal Adhesion; Focal adhesion; Inflammatory Response Pathway;Integrin cell surface interactions; Senescence and Autophagy; SignalTransduction

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GENE INFORMATION

Gene Name	Vtn vitronectin [Rattusnorvegicus]
Synonyms	Vtn; vitronectin; Vn; Aa1018; Vitronectin; Vitronectin, isoform CRA_b; rCG_34659
Gene ID	29169
mRNA Refseq	NM_019156
Protein Refseq	NP_062029
UniProt ID	Q3KR94
Chromosome Location	10q25
Function	extracellular matrixbinding; integrin binding; polysaccharide binding; scavenger receptoractivity
The SMB domain(yellow) in complex with PAI-1	

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