

Native Mouse Vitronectin

Cat. No. Vtn-694M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native mouse multimeric Vitronectin prepared from fresh mouse plasma using urea as adenaturant.
Species	Mouse
Source	Mouse 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 Weight	75.0 kDa monomer
Concentration	5.0 mg/ml
Storage	Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Official Symbol	Vtn
Pathways	ECM-receptor interaction; Focal Adhesion; Focal adhesion; Inflammatory Response Pathway; Integrin cell surface interactions; Senescence and Autophagy;

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SignalTransduction

GENE INFORMATION

Gene Name	Vtn vitronectin [Musmusculus]
Synonyms	Vtn; vitronectin; Vn; AI256434; S-protein; OTTMUSP00000000198; serum-spreading factor; Vitronectin; S-protein; Serum-spreading factor
Gene ID	22370
mRNA Refseq	NM_011707
Protein Refseq	NP_035837
UniProt ID	P29788
Chromosome Location	11 B5; 11 45.09 cM
Function	extracellular matrixbinding; heparin binding; integrin binding; polysaccharide binding; scavengerreceptor activity
The SMB domain(yellow) in complex with PAI-1	

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