

Native Mouse Vitronectin

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

SPECIFICATION

Product Overview	Native mousemultimeric Vitronectin prepared from fresh mouse plasma using urea as adenaturant.
Species	Mouse
Source	Mouse 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.
MolecularWeight	75.0 kDa monomer
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;

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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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