

## VTN

### Native Human Monomeric Vitronectin

<b>Catalog No.</b>	CRV123B CRV123C	<b>Quantity:</b>	500 µg 1 mg
<b>Alternate Names:</b>	V75, VN, VTN, S-protein, Serum-spreading factor		
<b>Description:</b>	<p>Vitronectin (VTN) is a member of the pexin family. Vitronectin is an abundant glycoprotein found in serum the extracellular matrix and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serine protease inhibitors (serpin). It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.</p> <p>Native human monomeric Vitronectin prepared from fresh human plasma using non-denaturing chromatography.</p>		
<b>UniProt ID:</b>	P04004		
<b>Gene ID:</b>	7448		
<b>Source:</b>	Human Plasma		
<b>Molecular Weight:</b>	75 kDa		
<b>Formulation:</b>	0.05 M Sodium Phosphate, 0.1 M NaCl, pH 7.4		
<b>Purity:</b>	> 95% by SDS-PAGE analysis		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280nm} = 1.0$		
<b>Concentration:</b>	> 1.0 mg/ml, lot specific		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)