

VTN

Native Human Vitronectin, Multimeric

Catalog No.	CRV124B CRV124C	Quantity:	100 µg 1.0 mg
Alternate Names:	V75, VN, VTN, S-protein, Serum-spreading factor		
Description:	<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 Multimeric Vitronenctin was prepared from fresh human plasma using urea as a denaturant.</p>		
UniProt ID:	P04004		
Gene ID:	7448		
Source:	Human Plasma		
Molecular Weight:	<p>75 kDa, monomer, 420 kDa multimer, average.</p> <p>Reference: Peterson, C.B. et al. (1997) J. Biol. Chem. 272:6858-6862.</p>		
Formulation:	0.05 M Sodium Phosphate, 0.1 M NaCl, pH 7.4		
Purity:	> 95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 1.38$		
Concentration:	≥ 1.0 mg/ml, lot specific		
Storage & Stability:	<p>Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.</p>		
Certification:	<p>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.</p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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