

**ANTIGENIX AMERICA, INC.**  
**PRODUCT INFORMATION SUMMARY**

**Human Vitronectin**

Purified Factor	Product Number	HC411440B	250.0 ug
		HC411440A	50.0 ug

**DESCRIPTION:**

Human Vitronectin, also known as Serum Spreading factor and VTN, is a glycoprotein factor produced primarily in the liver. Vitronectin appears to be involved in cell adhesion by binding to integrins in extracellular matrix. Vitronectin has also been used as a matrix component in stem cell media. Vitronectin is a monomer containing 459 aa. residues of molecular weight 75.0 kDa measured under reducing conditions.

**SOURCE:** HEK293 cells, sterile filtered, lyophilized  
Purity > 95% by HPLC analysis  
Endotoxin < 0.1 ng per ug Vitronectin

**BIOLOGICAL ACTIVITY:**

Under evaluation.

**HANDLING AND STORAGE:**

Purified Human Vitronectin is provided lyophilized and additive-free. Store lyophilized, at -20° C. **Spin-down**, then reconstitute with **sterile water** to a concentration of approx. 200.0 ug/mL, then dilute in buffered solutions. Store small aliquots at -20° C, **with addition** of **0.1% BSA**, for long-term storage- up to 3 months, at high concentration.

**Microcentrifuge before reconstitution.** Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

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**RESEARCH USE ONLY -NOT for DRUG USE**