

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