

ANTIGENIX AMERICA Inc
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human VEGF-121

(Vascular Endothelial Cell Growth Factor)

Purified Factor	Product Number	HC88837B	10.0 ug
		HC88837A	2.0 ug

DESCRIPTION:

Human Vascular Endothelial cell Growth Factor (VEGF), a factor that is produced by vascularized tissues, stimulates endothelial cell growth, capillary permeability and angiogenesis. Human VEGF-121 has higher acidity than other forms of VEGF, and circulates more freely. VEGF-121 is a homodimeric protein of molecular weight of 28.4 kDa, with two 121 aa. chains.

SOURCE:

E. Coli, sterile filtered, lyophilized
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug VEGF-121

BIOLOGICAL ACTIVITY:

Biological activity demonstrated by dose dependant stimulation of human umbilical vein endothelial cells (HUVEC) at concentration range of 0.2 to 0.4 ng/mL.

HANDLING AND STORAGE:

Purified Human VEGF is provided lyophilized, additive-free. Store lyophilized, at -20° C. Can be reconstituted with **sterile water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, 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.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE