

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

Human VEGF (Vascular Endothelial Cell Growth Factor)

Purified Factor	Product Number	HC88831B	10.0 ug
		HC88831A	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 is a homodimeric protein of molecular weight of 38.2 kDa, with 165 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug VEGF

BIOLOGICAL ACTIVITY:

Biological activity demonstrated by mitogenic activity on human dermal endothelial cells at concentration range of 1.0 to 100 ng/mL.

HANDLING AND STORAGE:

Purified Human VEGF is provided lyophilized. 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