

## PRODUCT INFORMATION SUMMARY

### Human VEGF-C

(Vascular Endothelial cell Growth Factor)

Purified Factor	Product Number	HC711340B	20.0 ug
		HC711340A	5.0 ug

#### DESCRIPTION:

Human Vascular Endothelial cell Growth Factor C (VEGF-C), a factor that is **not** produced by PBLs, stimulates endothelial cell growth, capillary permeability and angiogenesis. Both VEGF-C and VEGF-D show elevated levels in association with certain cancers and may correlate with increased lymphatic metastasis. Human VEGF-C is a homodimeric protein of molecular weight of 13.5 kDa, with two 116 aa. chains. Under non-reducing conditions, western blot reveals 20.0 kDa bands due to glycosylation.

**SOURCE:** 293 cells, sterile filtered, lyophilized  
Purity > 95% by HPLC analysis  
Endotoxin < 0.1 ng per ug VEGF-C

**BIOLOGICAL ACTIVITY: under evaluation.**

#### HANDLING AND STORAGE:

Purified Human VEGF-C is provided lyophilized, additive-free. Store lyophilized, at -20° C. **Spin-down**, can be reconstituted with **sterile or distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other 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.

#### 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**