

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

**Human EMAP-II**

Purified Factor	Product Number	HC88857B	20.0 ug
		HC88857A	5.0 ug

**DESCRIPTION:**

Human Endothelial-Monocyte Activating Polypeptide-II (EMAP-II) is a recently described cytokine that inhibits tumor growth as an antiangiogenic factor. Molecular weight of 18.3 kDa with 166 aa. residues.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug EMAP-II

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** Determined by effect upon apoptosis using human breast carcinoma cells MCF-7, at concentration of 20-40 ng/mL.

**HANDLING AND STORAGE:**

Purified Human EMAP-II factor is provided additive-free, sterile-filtered and lyophilized. Store lyophilized, at -20° C. Can be reconstituted ( following a quick-spin) 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**