

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

**Human IL 16**

Purified Factor	Product Number	HC01620A	2.0 ug
		HC01620B	10.0 ug

**DESCRIPTION:**

Human Interleukin-16 (IL 16) is a protein factor that induces chemotaxis primarily on CD4+ cells (T4, monocytes, eosinophils). Human IL 16 also stimulates expression of the IL 2 Receptor on T cells and has a molecular weight of 13.2 kDa, with 129 aa. residues.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug IL 16

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** Produced significant chemotaxis of CD4+ T cells at concentration of 1.4 ng/mL.

**Range** of biologic activity: 0.1 - 20 ng/mL

**HANDLING AND STORAGE:**

Purified Human IL 16 factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **distilled water** to a concentration of 1 mg/mL, then dilute in PBS or other buffered solutions **containing carrier protein (BSA, gelatin) or serum**. 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**