

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

**Human IL 5**

Purified Factor	Product Number	HC50020B	10.0 ug
		HC50020A	2.0 ug

**DESCRIPTION:**

Human Interleukin-5 (IL 5) is a potent factor which acts to stimulate growth of certain B cells and eosinophil differentiation. Human IL 5 is a T-cell derived homodimer factor and has a molecular weight of 26.2 kDa, with 115 aa. residue subunits.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug IL 5

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** Specific activity of  $6 \times 10^6$  units/mg, as determined by dose dependent stimulation of human TF-1 cells.

**Range** of biologic activity: 0.1 - 10 ng/mL

**HANDLING AND STORAGE:**

Purified Human IL 5 factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with distilled water to a concentration of 100 ug/mL, dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial:** we recommend microcentrifuge for 30 seconds, to spin-down any lyophilized material that may adhere to sides of vial. These small amounts of lyophilized protein may exist as a thin film, and be difficult to see in the vial.

**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**