

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

**TGF ALPHA**

Purified Factor	Product Number	HC88830B	100 ug
		HC88830A	20 ug

**DESCRIPTION:**

Human Transforming Growth Factor (TGF) alpha, a polypeptide growth factor which acts to stimulate a wide range of epidermal and epithelial cells. TGF Alpha plays a role in autocrine growth of certain transformed cells. Molecular weight of 5.5 kDa, with 50 aa residues.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug TGF Alpha

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** Specific activity of  $5 \times 10^5$  units/mg, as determined by thymidine uptake by 3T3 cells.

**Range** of biologic activity: 0.5 - 25.0 ng/mL

**HANDLING AND STORAGE:**

Purified TGF Alpha factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with 10 mM acetic acid to a concentration of 1.0 mg/mL, dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**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**