

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

**Human NT-4 (Neurotrophin)**

Purified Factor	Product Number	HC88844B	10.0 ug
		HC88844A	2.0 ug

**DESCRIPTION:**

Human Neurotrophin-4 (NT-4) is a neurotrophic factor involved in the growth of glial and nerve cells. The active form of human NT-4 is a dimer composed of identical 130 aa. hydrophobic subunits. Molecular weight is 28.1 kDa.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug NT-4  
Sterile filtered and lyophilized.

**BIOLOGICAL ACTIVITY:**

Fully biologically active when compared to standards, activity determined by dose-dependent induction of choline acetyl transferase activity in Rat bas forebrain primary septal cell cultures, measured in range 20-50 ng/mL.

**HANDLING AND STORAGE:**

Purified NT-4 factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with 100 uL distilled ( or sterile) water, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

**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**