

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

**Rat CNTF** (Ciliary Neurotrophic Factor)

Purified Factor	Product Number	RC333025B	25 ug
		RC333025A	5 ug

**DESCRIPTION:**

Rat Ciliary Neurotrophic Factor (CNTF), a neural factor involved in the differentiation and survivability of certain neuronal cells. CNTF was originally characterized as a survivability factor for chick ciliary neurons in vitro. Molecular weight of 22.7 kDa, with 199 aa. residues.

**SOURCE:**

E. Coli  
Purity > 97% by HPLC analysis  
Endotoxin < 0.1 ng per ug Rat CNTF

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** The ED<sub>50</sub> as determined by dose-dependent induction of choline acetyl transferase activity in IMR32 cells is less than 0.05 ng/mL.

**HANDLING AND STORAGE:**

Purified Rat CNTF factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with distilled (or sterile) water to a concentration of 100 ug/mL, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration. **Range:** Biologic activity in concentration range of 0.01 - 10.0 ng/mL. (in vitro). **Before opening vial to reconstitute**, it is recommended to microcentrifuge vial for 30 seconds - this will help recovery of full contents that may have adhered to surfaces of vial during lyophilization.

**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**