

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

**Human BDNF**

Purified Factor	Product Number	HC88841B	10.0 ug
		HC88841A	2.0 ug

**DESCRIPTION:**

Human Brain-Derived Neurotrophic Factor (BDNF) is involved in the growth of glial and nerve cells. The active form of human BDNF is a dimer composed of identical 119 aa. hydrophobic subunits. Molecular weight is 27 kDa.

**SOURCE:** E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug BDNF

Sterile filtered and lyophilized. Additive-free.

Provided from 10mM Sodium Citrate buffer, pH 4.0

**BIOLOGICAL ACTIVITY:**

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

**HANDLING AND STORAGE:**

Purified BDNF 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**