

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Mouse Beta-NGF

Purified Factor	Product Number	RC444270B	20.0 ug
	Product Number	RC444270A	5.0 ug

DESCRIPTION:

Mouse Beta Nerve Growth Factor (B-NGF) is involved in the growth of glial and nerve cells. Acting also as a growth factor for B cells, Beta NGF is structurally related to BDNF, NT-3 and NT-4. The active form of B-NGF is a dimer composed of identical 120 aa. hydrophobic subunits (13.4 kDa.) Molecular weight is 27 kDa.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug B-NGF
Sterile filtered and lyophilized.
Additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by stimulation of TF-1 cells with half maximal response seen at approx. 1.0 ng/mL.

HANDLING AND STORAGE:

Purified Mouse B-NGF 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.

RESEARCH USE ONLY -NOT for DRUG USE

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