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32-1096: Mouse NGF beta Native Protein

Alternative Name : Beta Polypeptide,NGF,NGFB,HSAN5,Beta-NGF,MGC161426,MGC161428.

Description

Source : Submaxillary Gland of Grown Mouse. NGF beta Mouse produced in Submaxillary Gland of Grown Mouse is a homodimer, non-glycosylated, polypeptide chain containing 2 identical 120 amino acids and having a molecular mass of 13,471 Dalton each.The NGF beta Mouse is purified by advanced biology purification technology. NGF-beta has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.

Product Info

Amount :	20 µg
Purification :	Greater than 98% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE .
Content :	The NGF beta Mouse was lyophilized from solution containing 5% mannitol and 1% HSA.
Storage condition :	Lyophilized Mouse Beta-NGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Murine NGF-Beta should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.
Amino Acid :	SSTHPVFHMGEF SVCDSVSVWV GDKTTATDIK GKEVTVLAEV NINNSVFRQY FFETKCRASN PVESGCRGID SKHWNSYCTT THTFVKALTT DEKQAAWRFI RIDTACVCVL SRKATRRG.

Application Note

It is recommended to reconstitute the lyophilized Murine NGF-beta in sterile 18MÃ□Â©-cm H2O not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions. The method used to test the bioassay is the NGF-dependent survival of dorsal root ganglia neurons of chick embryo, corresponding to a Specific Activity of 500,000IU/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.