

Mouse b NGF Recombinant Protein



RPPB0117

Product Information Protein Information

Product SKU:

RPPB0117

Accession:

P01139

Host:

Submaxillary Gland of
Grown Mouse.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Beta Polypeptide, NGF, NGFB, HSN5, Beta-NGF, MGC161426, MGC161428.

Formulation:

The NGF beta Mouse was lyophilized from solution containing 5% mannitol and 1% HSA.

Purity:

Greater than 98% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE .

Solubility:

It is recommended to reconstitute the lyophilized Murine NGF-beta in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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 Sequence:

SSTHPVFHMGFEF SVCDSVSVVWV GDKTTATDIK GKEVTVLAEV NINNSVFRQY FFETKCRASN PVESGCRGID SKHWNSYCTT THTFVKALTT DEKQAAWRFI RIDTACVCVL SRKATRRG.

Biological Activity:

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.