

Human b NGF Recombinant Protein



RPPB0110

Product Information Protein Information

Product SKU:

RPPB0110

Accession:

P01138

Host:

HEK293 cells.

Protein description:

BNGF Human Recombinant produced in HEK293 is a noncovalently disulfide linked homodimer, glycosylated, polypeptide chain (Ser122-Arg239) containing 2 identical 118 amino acids and having a molecular mass of 26.5 kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

The b-NGF was lyophilized from 1mg/ml in 20mM PB and 0.25M NaCl pH-7.5.

Purity:

Greater than 97% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized b-NGF in sterile distilled pyrogen free water at a concentration of 0.25mg/ml.

Stability:

Lyophilized b-NGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution b-NGF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line), the ED50 is <0.04-0.4ng/ml.