

Human NGF / NGFB recombinant protein



Catalog Number: 502544

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the mature form of human β -NGF (NP_002497.2) (Ser 122-Arg 239) was expressed.

Source: Human

Expression Host: CHO Stable Cells

QC Testing

Activity:

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED₅₀ for this effect is typically 0.2-2 ng/ml.

Purity:

> 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

Ser 122

Molecular Mass:

The mature recombinant human β -NGF consists of 118 amino acids and has a predicted molecular mass of 13.2 kDa. β -NGF exists as a non-disulfide linked homodimer in solution.

Formulation:

Lyophilized from sterile 20mM NaAc, 150mM NaCl, pH 5.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

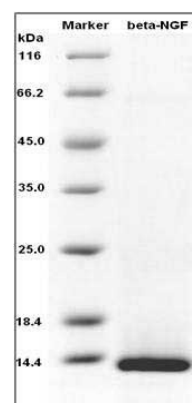
Storage:

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE:



Human β -NGF / Beta-NGF Protein SDS-PAGE