

Human NTF3 / Neurotrophin 3 Protein

Catalog Number: 10286-HNAE



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

NT3, NTF3

Protein Construction:

A DNA sequence encoding the human NT3 (P20783-1) (Tyr139-Thr257) was expressed and purified.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio-Activity:

Measured by its binding ability in a functional ELISA.
Immobilized human NT3 at 10 µg/ml (100 µl/well) can bind human TrkB-Fch (Cat:10047-H03H). The EC₅₀ of human TrkB-Fch (Cat:10047-H03H) is 28.2-65.8 ng/mL.

Endotoxin:

Please contact us for more information.

Stability:

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

Predicted N terminal: Met

Molecular Mass:

The recombinant human NT3 consists of 120 amino acids and has a predicted molecular mass of 13.8 kDa. The apparent molecular mass of it is approximately 16 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 5.2.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

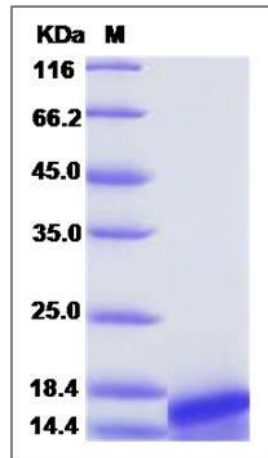
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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