

Certificate of Analysis

Size: 5 mg
Lot: OU391706A

Description

Source	<i>Spodoptera frugiperda</i> , Sf 21 (baculovirus)-derived Tyr139-Thr257 (K196R) Accession # P20783
N-terminal Sequence Analysis	Tyr139
Predicted Molecular Mass	13.7 kDa

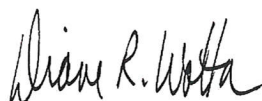
Specifications

Activity	Measured in a cell proliferation assay using BaF mouse pro-B cells transfected with TrkB. The ED ₅₀ for this effect is 1-10 ng/mL. The specific activity of recombinant human NT-3 is approximately 2082 U/μg, which is calibrated against Recombinant Human NT-3 Standard (NIBSC code: 98/718).
Purity	>97%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Endotoxin Level	<0.10 EU per 1 μg of the protein by the LAL method.
Formulation	Supplied as 29.9 mL of a 0.2 μm filtered solution in PBS, pH 7.4 at a concentration of 0.169 mg/mL. To ensure quantitative protein recovery, centrifuge the vial before opening and make the stock solution in the original vial. Sublimation may occur during storage causing a slight decrease in volume, however, the amount of protein will remain constant.

Preparation and Storage

Shipping	The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C after opening. • 3 months, -20 to -70 °C after opening.
Date Bottled	6/6/2017

It is hereby certified that the above product has been tested for proper performance and function under our established Quality Control testing criteria.
It is authorized by our Quality Assurance program to be released for sale.



Diane R. Wotta, Ph.D.
Sr. Director, Quality and Regulatory Affairs
This C of A was updated on 6/6/2017, Rev. 0.

For research use only
Not for use in humans