

β-NGF/ NGF/ NGFB (Glu19-Ala241), Human, Recombinant

货号：PCK069

产品信息

别名	Beta-Nerve Growth Factor; Beta-NGF; NGF; NGFB;β-NGF; pro-Beta NGF
物种	Human
表达宿主	E.coli
序列信息	Glu19-Ala241
检索号	P01138
分子量	25 kDa

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl,500mM NaCl,5%Trehalose,5%Mannitol,0.01%Tween80,1mM EDTA,pH8.0.



复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

The precursor form of the Nerve Growth Factor (proNGF) like its mature form is characterized by the cystin knot Motif consisting of three cystine bridges, whereas proneurotrophins and mature neurotrophins elicit opposite biological effects. ProNGF functions preferentially via the complex of pan-neurotrophin Receptor p75 (p75NTR) and vps10p domain-containing Receptor sortilin inducing neuronal apoptosis and contributing to age- and disease-related neurodegeneration.

SDS-PAGE

