

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

Cat. No. : GPCK069

产品信息

物种	Human
表达宿主	E.coli
序列信息	Glu19-Ala241
检索号	P01138
分子量	25 kDa
有效期	12 months

产品特性

内毒素 (EU/μg)	< 0.1
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 20 mM Tris-HCl, 500 mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% tween80, 1 mM EDTA, pH 8.0.
复溶	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 sterile 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.

