

β-NGF/ NGFB (Ser122-Gly241), Mouse, Recombinant (22222)

货号: PCK073

产品信息

, nGF 肾諾蹇 | Pricella Procell 别名 Beta-Nerve Growth Factor; Beta-NGF; NGF

物种 Mouse

表达宿主 E.coli

序列信息 asd

检索号 P01139

分子量 13.5 kDa

生物活性 Testing in progress

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, 150mM NaCl, pH

8.0

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复融

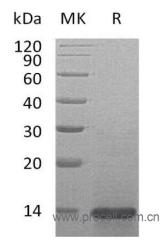
Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100 \,\mu\text{g/ml.D}$ is solve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

NGF is the first member discovered in the Neurotrophin family, which includes brain-Derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3), and neurotrophin-4 (NT-4). These Proteins belong to the cysteine-knot family of Growth Factors that assume stable dimeric structures. Mouse beta -NGF is a homodimer of two 120 amino acid polypeptides. It shares approximately 90% homology at the amino acid level with human beta -NGF and 95.8% with rat beta -NGF. NGF signaling has been shown to play an important role in neuroprotection and repair. β -NGF acts as a growth and differentiation factor for B lymphocytes, and enhances B-cell survival. It is a potent neurotrophic factor that signals through its Receptor β -NGFR, and plays a crucial role in the development and preservation of the sensory and sympathetic nervous systems.

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SDS-PAGE



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