

β-NGF/NGFB/NGF-β, Mouse, Recombinant

货号: PCK072

产品信息

别名 β-Nerve Growth Factor, NGF-β 展® | Pricella

物种 Mouse

表达宿主 E.coli

序列信息 MSSTHPVFHMGEFSVCDSVSVWVGDKTTATDIKGKEVTVLAEVNINNSVFR

QYFFETKCRASNPVESGCRGIDSKHWNSYCTTTHTFVKALTTDEKQAAWR

FIRIDTACVCVLSRKATRRG with polyhistidine tag at the C-terminus.

检索号 Q6LDU8

分子量 14.41 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce TF-1 cells proliferation. The ED50 for this effect is

<1ng/mL. The specific activity of recombinant mouse beta-NGF is $> 1 \times 10^6$

IU/mg.

产品特性

>98% as determined by SDS-PAGE. Ni-NTA chromatography 纯度

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1% BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 20 mM

sodium citrate, 0.2 M NaCl, pH 4.5.

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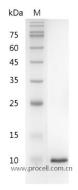
复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Nerve growth factor (NGF) is a neurotrophic factor and neuropeptide primarily involved in the regulation of growth, maintenance, proliferation, and survival of certain target neurons. NGF-β acts through its receptor β-NGFR and is involved in the development and maintenance of the sensory and .., and su sympathetic nervous systems. NGF-β also is also involved in the growth, differentiation, and survival of B lymphocytes. Human, mouse and rat proteins show cross-reactivity.

SDS-PAGE



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