

Recombinant Mouse NGF Protein

产品信息

产品名称	产品编号	规格
Recombinant Mouse NGF Protein	92101ES20	20 µg
	92101ES60	100 µg

产品简介

NGF was discovered as a molecule that promoted the survival and differentiation of sympathetic and sensory neurons in the peripheral nervous system. 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).

性能参数

Synonyms	beta Nerve Growth Factor; Ngfb
Uniprot No.	NP_001106168.1
Source	Recombinant Mouse NGF Protein is expressed from CHO Stable Cells Cells with an initial Met at the C-terminus. It contains Ser 122-Gly 241.
Molecular Weight	The recombinant mouse NGF has a calculated molecular mass of 13.5 kDa as estimated in SDS-PAGE under reducing conditions.
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is 1-6 ng/mL.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<1 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from sterile 150mM NaCl, 50mM NaAc, pH 5.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.