

CNTF, Human, Recombinant

货号 : PCK117

产品信息

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|------|-----------------------------------|
| 别名 | Ciliary Neurotrophic Factor; CNTF |
| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | Ala2-Met200 |
| 检索号 | P26441 |
| 分子量 | 22.93 kDa |

产品特性

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|-----|---|
| 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, 100mM NaCl, pH 8.0. |



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

Ciliary Neurotrophic Factor (CNTF) is a potent survival factor for neurons and oligodendrocytes. CNTF has also been shown to prevent the degeneration of motor axons after axotomy. CNTF is highly conserved across species and exhibits cross-species activities. Human and rat CNTF share approximately 83% homology in their Protein sequence. CNTF is structurally related to IL6, IL11, LIF and OSM. All of these four helix bundle Cytokines share gp130 as a signal transducing subunit in their Receptor complexes. CNTF, like FGF acidic, FGF basic, and PD-ECGF (platelet-Derived endothelial cell Growth Factor), does not possess a signal sequence that would allow secretion of the factor by classical secretion pathways. The mechanism underlying the release of CNTF is unknown.

SDS-PAGE

