

CNTF, Human, Recombinant

货号: PCK117

产品信息

别名 Ciliary Neurotrophic Factor; CNTF 美[®] | Pricella

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

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.

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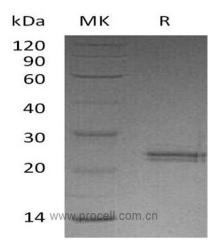
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 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



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