Description

Background



PRODUCT INFORMATION

CNTF Target

Synonyms Ciliary Neurotrophic Factor; CNTF

> Recombinant Human Ciliary Neurotrophic Factor is produced by our E.coli expression system and

the target gene encoding Ala2-Met200 is

expressed.

Delivery In Stock **Uniprot ID** P26441 **Expression Host** E.coli

Tag

Molecular Not available Characterization

Molecular Weight 22.93 KDa

Greater than 95% as determined by reducing **Purity**

Formulation & Lyophilized from a 0.2 µm filtered solution of

20mM Tris-HCl, 100mM NaCl, pH 8.0. Reconstitution

> Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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.

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only

Conjugate Unconjugated





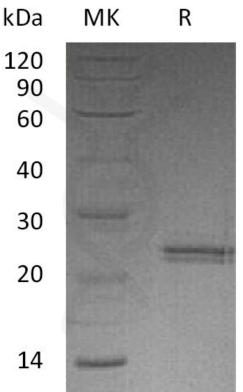


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.



Email: info@dimabio.com Website: www.dimabio.com