

Recombinant Mouse Cntf Protein, MYC/DDK-tagged

Cat. No. Cntf-913M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ciliary neurotrophic factor (Cntf), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes, and it may be involved in reducing tissue destruction during inflammatory attacks. A read-through transcript variant composed of Zfp91 and Cntf sequences has been identified, but it is thought to be non-coding. Read-through transcription of Zfp91 and Cntf has been observed in both human and mouse.
Molecular Mass	23 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name *Cntf* ciliary neurotrophic factor [*Mus musculus* (house mouse)]

Official Symbol *Cntf*

Synonyms Cntf; ciliary neurotrophic factor; AI429687; ciliary neurotrophic factor

Gene ID 12803

mRNA Refseq NM_170786

Protein Refseq NP_740756

UniProt ID P51642

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA