

## Product datasheet for TP501984

### Cntf (NM\_170786) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ciliary neurotrophic factor (Cntf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201984 representing NM_170786 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAFAEQSPLTLHRRDLCSRSIWLARKIRSDLTALMESYVKHQGLNKNISLDSVDGVPVASTDRWSEMTEA ERLQENLQAYRTFQGMLTKLLEDQRVHFTPTGDFHQAIHTLTLQVSAFAYQLEELMALLEQKVPEKEAD GMPVTIGDGGFLFEKKLWGLKVLQELSQWTVRSIHDLRVISSHHMGISAHESHYGAQKM
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	23 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_740756</a></u>
Locus ID:	12803
UniProt ID:	<u><a href="#">P51642</a></u> , <u><a href="#">Q544D1</a></u>
RefSeq Size:	1205
Cytogenetics:	19 8.73 cM



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RefSeq ORF: 594

Synonyms: AI429687

**Summary:** 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. [provided by RefSeq, Aug 2008]