

## Active Recombinant Mouse Cntf protein, His-tagged

**Cat. No.** Cntf-490M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cntf protein(NP_740756.1)(Ala2-Met198), fused with His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2-Met198
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized mouse CNTF at 10 µg/ml (100 µl/well) can bind biotinylated rat CNTFR-His. The EC50 of biotinylated rat CNTFR-His is 5-12 ng/ml.
<b>Molecular Mass</b>	The recombinant mouse CNTF consists of 215 amino acids and predicts a molecular mass of 24.7 KDa. It migrates as an approximately 25 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	<a href="#">Cntf ciliary neurotrophic factor [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Cntf</a>
<b>Synonyms</b>	CNTF; ciliary neurotrophic factor; AI429687; MGC41235;
<b>Gene ID</b>	<a href="#">12803</a>
<b>mRNA Refseq</b>	<a href="#">NM_170786</a>
<b>Protein Refseq</b>	<a href="#">NP_740756</a>

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