

Active Recombinant Mouse Cntf protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Cntf protein(NP_740756.1)(Ala2-Met198), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala2-Met198
Form	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.
Bio-activity	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.
Molecular Mass	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.
Purity	> 95 % as determined by SDS-PAGE
Storage	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

 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



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

Gene Name	Cntf ciliary neurotrophic factor [Mus musculus]
Official Symbol	Cntf
Synonyms	CNTF; ciliary neurotrophic factor; AI429687; MGC41235;
Gene ID	12803
mRNA Refseq	NM_170786
Protein Refseq	NP_740756

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