

Active Recombinant Human CNTF protein, His-tagged

Cat. No. CNTF-566H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTF protein(NP_000605.1)(Ala2-Met200), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Met200
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 1-4 µg/mL.
Molecular Mass	The recombinant human CNTF consisting of 214 amino acids and has a calculated molecular mass of 24.5 kDa. The apparent molecular mass of the protein is approximately 27-30 kDa in SDS-PAGE under reducing conditions.
Purity	> 90 % 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

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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

Gene Name CNTF ciliary neurotrophic factor [Homo sapiens]

Official Symbol CNTF

Synonyms CNTF; ciliary neurotrophic factor; HCNTF;

Gene ID 1270

mRNA Refseq NM_000614

Protein Refseq NP_000605

MIM 118945

UniProt ID P26441

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