

Active Recombinant Human CNTF protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CNTF protein(Met1-Met200), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-200 aa
Form	Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cell line. The ED50 for this effect is 13.5-54 ng/mL.
Molecular Mass	23.77 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

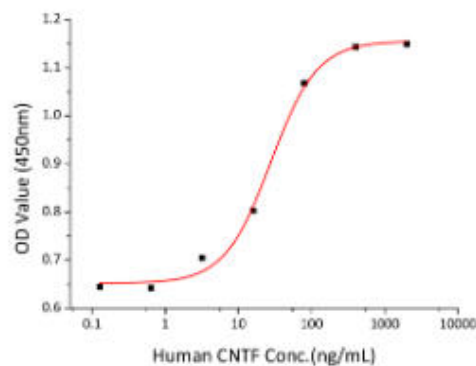
Gene Name	CNTF ciliary neurotrophic factor [Homo sapiens]
Official Symbol	CNTF
Synonyms	CNTF; ciliary neurotrophic factor; HCNTF;
Gene ID	1270
mRNA Refseq	NM_000614
Protein Refseq	NP_000605
MIM	118945
UniProt ID	P26441

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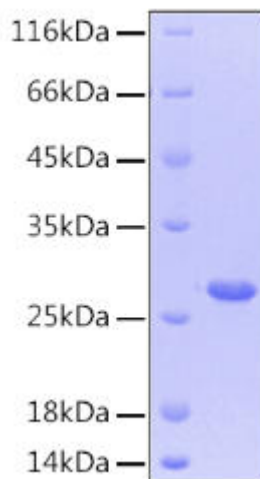
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Activity



SDS-PAGE



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