

CNTF recombinant protein

Recombinant Rat CNTF Protein

CATALOG # AAA282591	HOST E coli
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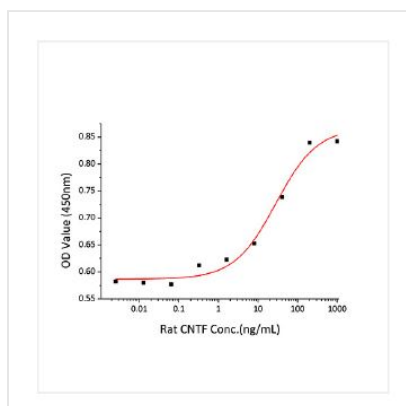
PRODUCT SYNONYMS

CNTF; Recombinant Rat CNTF Protein; CNTF recombinant protein

PRODUCT SPECIFICATIONS

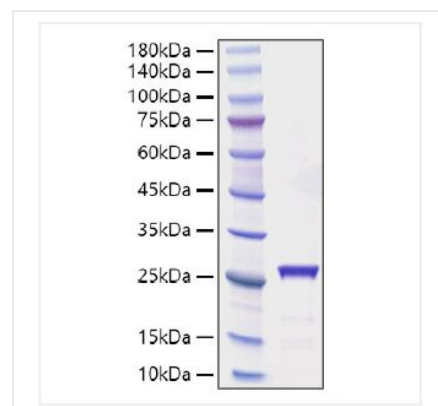
Host	E coli
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Rat
Tag	C-6His
Bioactivity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 14.08-56.34 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Recombinant Rat CNTF stimulates cell proliferation of the TF 1 human erythroleukemic cells. The ED50 for this effect is 14.08-56.34 ng/mL.



SDS-PAGE

Active Recombinant Rat CNTF Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 26 kDa.

ADDITIONAL INFORMATION

Related Product Information for CNTF recombinant protein	Recombinant Rat CNTF Protein is produced by <i>E coli</i> expression system. The target protein is expressed with sequence (Met1-Met200) of rat CNTF (Accession #NP_037298.1) fused with and a 6×His tag at the C-terminus.
Product Categories/Family for CNTF recombinant protein	Growth Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978675
NCBI GeneID	25707
NCBI Accession #	NP_037298.1
NCBI GenBank Nucleotide #	NM_013166.1
UniProt Accession #	P20294
Molecular Weight	22,854 Da
NCBI Official Full Name	ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	Cntf
NCBI Protein Information	ciliary neurotrophic factor; ciliary neurotropic factor
UniProt Protein Name	Ciliary neurotrophic factor
UniProt Gene Name	Cntf
UniProt Synonym Gene Names	CNTF
UniProt Entry Name	CNTF_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cntf-recombinant-protein-e-coli/282591>