

Product Datasheet

Recombinant Rat CNTF Protein NBP2-35289-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35289-5ug

Recombinant Rat CNTF Protein

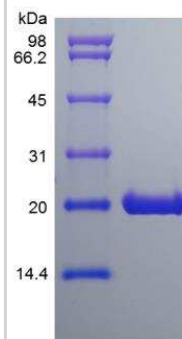
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 7.4, 2 % trehalose.
Target Molecular Weight	22.7 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 199 amino acids corresponding to CNTF Source: <i>E. coli</i> Uniprot ID: P20294 Amino Acid Sequence: AFAEQTPLTL HRRDLCSRSI WLARKIRSDL TALMESYVKH QGLNKNINLD SVDGVPVAST DRWSEMTEAE RLQENLQAYR TFQGMLTKLL EDQRVHFTPT EGDFHQAIHT LMLQVSAFAY QLEELMVLE QKIPENEADG MPATVGDGGL FEKKLWGLKV LQELSQWTVR SIHDLRVISS HQMGISALES HYGAKDKQM
Gene ID	1270
Gene Symbol	CNTF
Species	Rat
Details of Functionality	CNTF Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 30 ng/ml, corresponding to a specific activity of $> 3.3 \times 10^4$ IU/mg.
Endotoxin Note	Less than 1 EU/ug of CNTF as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Rat CNTF Protein [NBP2-35289]



Publications

Uchida T, Ueta T, Honjo M, Aihara M The Neuroprotective Effect of the Adiponectin Receptor Agonist AdipoRon on Glutamate-Induced Cell Death in Rat Primary Retinal Ganglion Cells J Ocul Pharmacol Ther 2019-08-28 [PMID: 31460821]



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Products Related to NBP2-35289-5ug

NBP2-35168-5ug	Recombinant Mouse CNTF Protein
M6000B-1	IL-6 [HRP]
257-NT-010	CNTF [Unconjugated]
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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