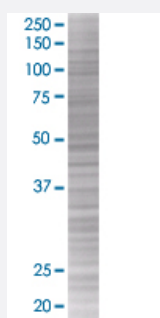


CNTF 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001270-T01

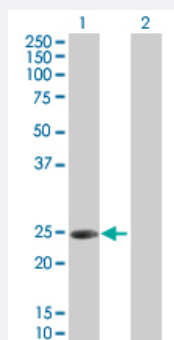
Size 100 uL

Applications



SDS-PAGE Gel

CNTF transfected lysate



Western Blot

Lane 1: CNTF transfected lysate (22.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CNTF full-length

Host Human

Theoretical MW (kDa) 22.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CNTF antibody ([H00001270-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CNTF transfected lysate
 Western Blot
 Lane 1: CNTF transfected lysate (22.9 KDa).
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CNTF

Entrez GeneID[1270](#)**GeneBank Accession#**[NM_000614](#)**Protein Accession#**[NP_000605](#)**Gene Name**

CNTF

Gene Alias

HCNTF

Gene Description

ciliary neurotrophic factor

Omim ID[118945](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. A mutation in this gene, which results in aberrant splicing, leads to ciliary neurotrophic factor deficiency, but this phenotype is not causally related to neurologic disease. A read-through transcript variant composed of ZFP91 and CNTF sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. [provided by RefSeq]

Other Designations

OTTHUMP00000174731

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Overweight](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)
- [Weight Loss](#)