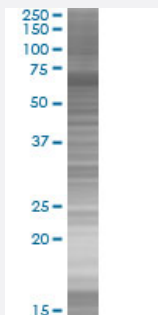


NEFL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004747-T01

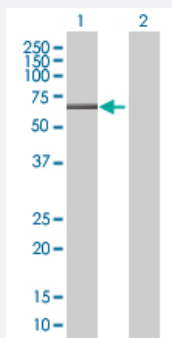
Size 100 uL

Applications



SDS-PAGE Gel

NEFL transfected lysate.



Western Blot

Lane 1: NEFL transfected lysate (59.84 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NEFL full-length

Host Human

Theoretical MW (kDa) 59.84

Quality Control Testing Transient overexpression cell lysate was tested with Anti-NEFL antibody ([H00004747-B01](#)) by Western Blots.
SDS-PAGE Gel
NEFL transfected lysate.
Western Blot
Lane 1: NEFL transfected lysate (59.84 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 — NEFL

Entrez GeneID	4747
GeneBank Accession#	NM_006158.2
Protein Accession#	-
Gene Name	NEFL
Gene Alias	CMT1F, CMT2E, FLJ53642, NF-L, NF68, NFL
Gene Description	neurofilament, light polypeptide
Omim ID	162280 607684 607734
Gene Ontology	Hyperlink
Gene Summary	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E), disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y. [provided by RefSeq]
Other Designations	light molecular weight neurofilament protein neurofilament protein, light chain neurofilament subunit NF-L neurofilament triplet L protein neurofilament, light polypeptide 68kDa neurofilament-light

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Parkinson disease](#)