



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### NEFL (Human) Recombinant Protein (P01)

**Catalog Number:** H00004747-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human NEFL full-length ORF ( NP\_006149.2, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSSFSYEPYYSTSYKRRYVETPRVHISSVRSGYSTAR  
SAYSSYSAPVSSSLSVRRSYSSSSGSLMPSLENLDLS  
QVA AISNDLKSIRTQEKAQLQDLNDRFASFIERVHELE  
QQNKVLEAELLVLRQKHSEPSRFRALYEQEIRDRLAA  
EDATNEKQALQGEREGLEETLRNLQARYEEEVLSRED  
AEGRLMEARKGADEAALARAELEKRIDSLMDEISFLKK  
VHEEEIAELQAQIQYAQISVEMDVTKPDLAALKDIRAQ  
YEKLAAKNMQNAEEWFKSRFTVLTESAANKNTDAVRAA  
KDEVSESRRLKAKTLEIEACRGMNEALEKQLQELEDK  
QNADISAMQDTINKLENELRRTTKSEMARYLKEYQDLLN  
VKMALDIEIAAYRKLEGEETRLSFTSVGSITSGYSQSS  
QVFGRSAYGGLQTSSYLMSTRSFPSYYTSHVQEEQIE  
VEETIEAAKAEAAKDEPPSEGEAEKEEKDKEEAEEEEA  
AEKEEAKEESEEAKEEEEEGEGEGEEETKEAEKEEK  
KVEGAGEEQAAKKDD

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 87.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 4747

**Gene Symbol:** NEFL

**Gene Alias:** CMT1F, CMT2E, FLJ53642, NF-L, NF68, NFL

**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]