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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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  
QQNKVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLAA  
EDATNEKQALQGEREGLEETLRNLQARYEEEEVLSRED  
AEGRLMEARKGADEAALARAELEKRIDSLMDEISFLKK  
VHEEEIAELQAQIQYAQISVEMDVTKPDLAALKDIRAQ  
YEKLAAKNMQNAEEWFKSRFTVLTESAANKNTDAVRAA  
KDEVSESRLLKAKTLEIEACRGMNEALEKQLQELEDK  
QNADISAMQDTINKLENELRRTTKSEMARYLKEYQDLLN  
VKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSS  
QVFGRSAYGGLQTSSYLMSTRSFPSYYTSHVQEEQIE  
VEETIEAAKAEAAKDEPPSEGEAEKEEKKDEEAEKEE  
AEKEEAAKEESEEAKEEEEEKGEGEGEEGETKEAEKEE  
KVEGAGEEQAAKKKD
```

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]