

## Recombinant Full Length Human NEFL protein(2-543aa)

Cat. No. NEFL-543H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human NEFL protein(P07196)(2-543aa) was expressed in E.coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 2-543 a.a.   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 61.5 kDa   |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.  |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |
| <b>AA Sequence</b>      | SSFSYEPYYSTSYKRRYVETPRVHISSVRSGYSTARSAYSYSAPVSSLSVRRSYS  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SSSGSLMPLENLDLSQVAAISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQN  
 KVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLR  
 NLQARYEEEEVLSREDAEGRLEMEARKGADEAALARAELEKRIDSLMDEISFLKKVHEE  
 EIAELQAQIQYAQISVEMDVTKPDLAALKDIRAQYEKLAAKNMQNAEEWFKSRFTVL  
 TESAAKNTDAVRAAKDEVSESRLLKAKTLEIEACRGMNEALEKQLQELEDKQNADI  
 SAMQDTINKLENELRTTKSEMARYLKEYQDLLNVKMALDIEIAAYRKLLEGEETRLSF  
 TSVGSITSGYSQSSQVFRSAYGGLQTSSYLMSTRSFPSYYTSHVQEEQIEVEETIE  
 AAKAEEAKDEPPSEGEAEKEEKEEAEKEEAEKEEAEKEEAEKEEAEKEEAEKEEAEKEE  
 EGEETKEAEKEEKKVEGAGEEQAAKKKD

## GENE INFORMATION

**Gene Name** NEFL neurofilament, light polypeptide [ Homo sapiens ]

**Official Symbol** NEFL

**Synonyms** NEFL; neurofilament, light polypeptide; neurofilament, light polypeptide 68kDa; neurofilament light polypeptide; CMT1F; CMT2E; NF68; NFL; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament protein, light chain; light molecular weight neurofilament protein; NF-L; FLJ53642;

**Gene ID** 4747

**mRNA Refseq** NM\_006158

**Protein Refseq** NP\_006149

**MIM** 162280

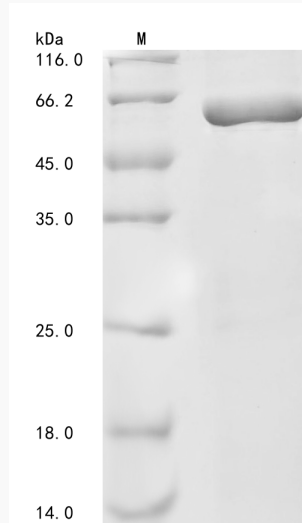
**UniProt ID** P07196

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**SDS-PAGE**



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