# Recombinant Human NF-L/NEFL Protein

## Catalog No.: RP01562

www.abclonal.com

### Sequence Information

**Species**
Human

**Gene ID**
4747

**Swiss Prot**
P07196

**Tags**
No tag

**Synonyms**
NEFL,CMT1F,CMT2E,NF-L,NF68, NFL,PPP1R110

### Product Information

**Source**
*E. coli*

**Purification**
≥ 95 % as determined by SDS-PAGE.

**Calculated MW**
21.91 kDa

**Observed MW**
Approximately 25 kDa

**Endotoxin**
< 0.1 EU/μg of the protein by LAL method.

**Formulation**
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

**Reconstitution**
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

### Background

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).

### Basic Information

**Description**
Recombinant Human NF-L/NEFL Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser60-Thr250) of human NF-L/NEFL (Accession #NP_006149.2) fused with no additional amino acid.

**Activity**

**Shipping**
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -20℃

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

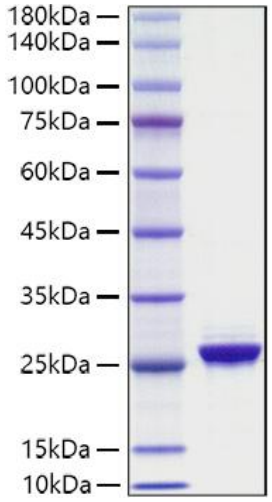
**Contact**

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn



For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

## Validation Data




Recombinant Human NF-L/NEFL Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.