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Datasheet for ABIN7536068 NEFL Protein

Overview

Quantity:	100 µg
Target:	NEFL
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human NF-L/NEFL Protein
Sequence:	SSGSLMPSLE NLDLSQVAAI SNDLKSIRTQ EKAQLQDLND RFASFIERVH ELEQQNKVLE AELLVLRQKH SEPSRFRALY EQEIRDLRLA AEDATNEKQA LQGEREGLEE TLRNLQARYE EEVLSREDAE GRLMEARKGA DEAAALARAEK EKRIDSLMDE ISFLKKVHEE EIAELQAIQ YAQISVEMDV T
Specificity:	Ser60-Thr250
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	NEFL
Alternative Name:	NF-L/NEFL (NEFL Products)
Background:	Description: Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM,

Target Details

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).

Name: NEFL,CMT1F,CMT2E,NF-L,NF68,NFL,PPP1R110

Gene ID: 4747

UniProt: [P07196](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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 stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
