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Datasheet for ABIN7505491  
**NEFL Protein (AA 281-396) (His tag)**

### Overview

Quantity:	100 µg
Target:	NEFL
Protein Characteristics:	AA 281-396
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEFL protein is labelled with His tag.

### Product Details

Sequence:	Phe281-Gly396
Characteristics:	A DNA sequence encoding theRat NEFL protein (P19527) (Phe281-Gly396) was expressed with a N-His.
Purity:	> 80 % as determined by reducing SDS-PAGE.

### Target Details

Target:	NEFL
Alternative Name:	NEFL ( <a href="#">NEFL Products</a> )
Background:	Abbreviation: NEFL Target Synonym: NF-L,68 kDa neurofilament protein,Neurofilament triplet L protein Background: Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally

## Target Details

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cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks.

Molecular Weight: Calculated MW: 13 kDa  
Observed MW: 13 kDa

UniProt: [P19527](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months