

## NEFL Recombination Protein

### Basic information:

<b>Catalog No.:</b>	UDP9093-1	<b>Source:</b>	Human
<b>Expression Host:</b>	<i>Escherichia coli</i>	<b>Type:</b>	Recombinant protein
<b>Purity:</b>	>90% as determined by SDS-PAGE		

### Useful Information:

#### Construction:

A DNA sequence encoding the human NEFL protein was expressed with Trx and His-tag in N terminus.

#### Molecular Mass:

The protein of NEFL consists of 707 amino acids.

#### Formulation:

Liquidin PBS, pH7.4, containing 10% Ethanol and 2M urea

#### Biological Activity

N/A

#### Endotoxin:

N/A

#### Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

#### Reconstitution:

According to the application.

#### Description:

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.

#### Note:

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