

NEFL Recombination Protein

Basic information:

Catalog No.:	UDP9093-1	Source:	Human
Expression Host:	<i>Escherichia coli</i>	Type:	Recombinant protein
Purity:	>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:

Liquid in 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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