
Recombinant human NFL protein, N-His

Catalog Number: bs-44004P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 2-443/543

Predicted MW: 52.6

Tags: N-His

Purity: >90% as determined by SDS-PAGE

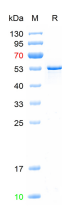
Purification: affinity purified

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Background: Neurofilament light polypeptide also called NF-L; Neurofilament triplet L protein; 68 kDa neurofilament protein. Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. The extra mass and high charge density that distinguish the neurofilament proteins from all other intermediate filament proteins are due to the tailpiece extensions. This region may form a charged scaffolding structure suitable for interaction with other neuronal components or ions. NF-L is the most abundant of the three neurofilament proteins and, as the other nonepithelial intermediate filament proteins, it can form homopolymeric 10-nm filaments. Belongs to the intermediate filament family.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.