

## Native bovine NEFL

**Cat. No.** NEFL-181B    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| <b>Species</b>        | Bovine                                                              |
| <b>Source</b>         | bovine Spinal Cord                                                  |
| <b>Description</b>    | Protein standard for immunoblotting, immunization and immunoassays. |
| <b>Form</b>           | lyophilized, purified                                               |
| <b>Molecular Mass</b> | Mr = 68,000 (determined by SDS gelelectrophoresis)                  |
| <b>Purity</b>         | >98%                                                                |
| <b>Storage</b>        | At 2-8 centigrade (lyoph.); at -20 centigrade (reconstituted)       |
| <b>Reconstitution</b> | Reconstitute with 200 ul distilled water (final volume 250 ul)      |

### GENE INFORMATION

|                        |                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NEFL neurofilament, light polypeptide [ Bos taurus ]                                                                                                                     |
| <b>Official Symbol</b> | NEFL                                                                                                                                                                     |
| <b>Synonyms</b>        | neurofilament light polypeptide; NF-L; 68 kDa neurofilament protein; neurofilament triplet L protein; micro glutamic acid-rich protein; neurofilament, light polypeptide |

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|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
|                     | 68kDa                                                                                                                      |
| Gene ID             | 281348                                                                                                                     |
| mRNA Refseq         | NM_174121                                                                                                                  |
| Protein Refseq      | NP_776546                                                                                                                  |
| UniProt ID          | P02548                                                                                                                     |
| Chromosome Location | chromosome: 8                                                                                                              |
| Pathway             | Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem |
| Function            | identical protein binding; protein C-terminus binding; protein binding, bridging; structural constituent of cytoskeleton   |

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