

## **PRODUCT INFORMATION**

**NEFL Target** 

CMT1F;CMT2E;CMTDIG;NF-L;NF68;NFL;PPP1R110 **Synonyms** 

Recombinant Human NEFL(9-88) with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** P07196 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

NEFL(Tyr9-Thr88) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 

34.9 kDa after removal of the signal peptide. The apparent molecular mass of NEFL(9-88)-hFc is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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. [provided by RefSeq, Oct

Email: info@dimabio.com Website: www.dimabio.com

**Usage** Research use only Conjugate Unconjugated



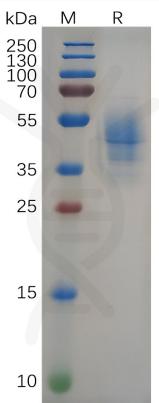


Figure 1. Human NEFL(9-88) Protein, hFc Tag on SDS-PAGE under reducing condition.

## Human NEFL(9-88), hFc tagged protein ELISA

0.1 μg of Human NEFL(9-88), hFc tagged protein per well

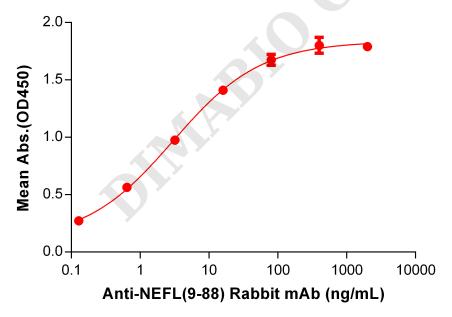


Figure 2. ELISA plate pre-coated by 1  $\mu$ g/mL (100  $\mu$ L/well) Human NEFL (9-88) Protein, hFc Tag (PME100654) can bind Anti-NEFL(9-88) antibody(DM198), Rabbit mAb DME100198 in a linear range of 0.128-80 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com

