

NEFL recombinant protein

Human NEFL (89-400) Protein, His Tag

CATALOG #
AAA47530

HOST
HEK293

PRODUCT SYNONYMS

NEFL; Human NEFL (89-400) Protein; His Tag; CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110; NEFL recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	Test: SDS-PAGE & Coomassie blue staining; Specification: Target protein band (s) $\geq 95.0\%$; Result: Pass
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Tag	His-Tag
Visual Inspection	Test: Lyophilization; Specification: Dried white powder; Result: Pass Test: Vial Label; Specification: Label aligned and complete; Result: Pass Test: Bottle Sealing (Manual Check); Specification: Sealed Tight; Result: Pass
Quantity	Test: Bradford Method; Specification: $\geq$ specified quantity; Result: Pass
Other Properties	Test: pH; Specification: 7.4 ± 0.5 ; Result: Pass
Reconstitution	1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube 2. Dissolved lyophilized protein sample in sterile water based on the recommended volume 20.79 μL . 3. After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample.
Preparation and Storage	Store at -20 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).

IMAGES

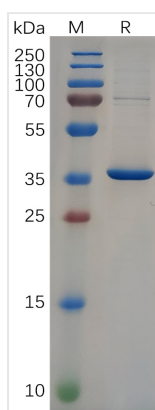

SDS-PAGE

Figure 1. Human NEFL(89-400) Protein, His Tag on SDS-PAGE under reducing condition.

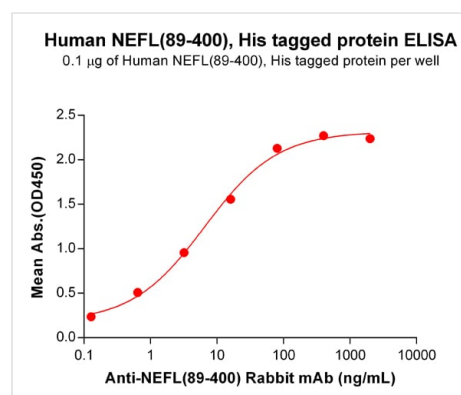

ELISA

Figure 1. Human NEFL(89-400) Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Product Categories/Family for NEFL recombinant protein	Bioactive Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62511894
NCBI GeneID	4747
UniProt Accession #	P07196; Q16154; Q8IU72; B9ZVN2
NCBI Official Full Name	Neurofilament light polypeptide
NCBI Official Synonym Full Names	neurofilament, light polypeptide
NCBI Official Symbol	NEFL
NCBI Official Synonym Symbols	NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110
NCBI Protein Information	neurofilament light polypeptide; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament protein, light chain; neurofilament, light polypeptide 68kDa; light molecular weight neurofilament protein; protein phosphatase 1, regulatory subun
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	NEFL
UniProt Synonym Gene Names	NF68; NFL; NF-L
UniProt Entry Name	NFL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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