

NF-L/NEFL recombinant protein

Recombinant Human NF-L/NEFL Protein

CATALOG #
AAA282560

HOST
E coli

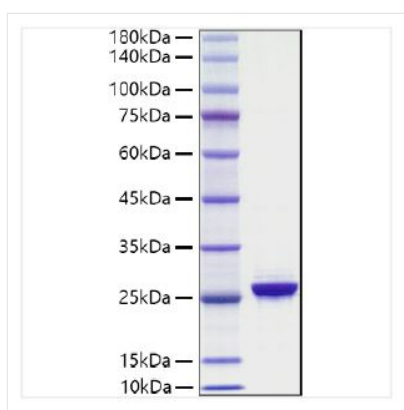
PRODUCT SYNONYMS

NF-L/NEFL; Recombinant Human NF-L/NEFL Protein; NEFL; CMT1F; CMT2E; NF-L; NF68; NFL; PPP1R110; NF-L/NEFL recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	E.coli
Tags	No tag
Endotoxin	<0.1EU/ug
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Preparation and Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8° for up to 1 week. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

Recombinant Human NF-L/NEFL Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 28 kDa.

ADDITIONAL INFORMATION

Related Product Information for NF-L/NEFL recombinant protein	Recombinant Human NF-L/NEFL Protein is produced by <i>E coli</i> expression system. The target protein is expressed with sequence (Ser60-Thr250) of human NF-L/NEFL (Accession #NP_006149.2) fused with a additional amino acid free. Background: Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. Mayadditionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).
Product Categories/Family for NF-L/NEFL recombinant protein	Other Recombinant Protein

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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Online datasheet: <https://www.aaabiotech.com/nefl-recombinant-protein-e-coli/282560>