

Neurofilament light polypeptide (NEFL) Recombinant Protein | NEFL recombinant protein

Recombinant Human Neurofilament light polypeptide (NEFL)

CATALOG # AAA18421	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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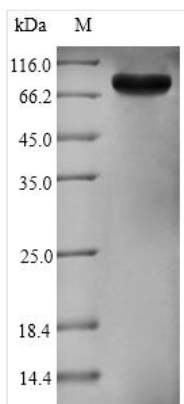
PRODUCT SYNONYMS

Neurofilament light polypeptide (NEFL); Recombinant Human Neurofilament light polypeptide (NEFL); Neurofilament light polypeptide; NF-L; 68 kDa neurofilament protein; Neurofilament triplet L protein; NEFL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-543aa; Full Length of Mature Protein
Sequence	SSFSYEPYYS TSYKRRYVET PRVHISSVRS GYSTARSAYS SYSAPVSSSL SVRRSYSSSS GSLMPSLENL DLSQVAAISN DLKSIRTQEK AQLQDLNDRF ASFIERVHEL EQQNKVLEAE LLVLRQKHSE PSRFRALYEQ EIRDLRLAAE DATNEKQALQ GEREGLEETL RNLQARYEEE VLSREDAEGR LMEARKGADE AALARAELEK RIDSLMDEIS FLKKVHEEEI AELQAQIQYA QISVEMDVTK PDLAALKDI RAQYEKLA AK NMQNAEEWFK SRFTVLTESA AKNTDAVRAA KDEVSESRR LKAKTLEIEA CRGMNEALEK QLQELEDKQN ADISAMQDTI NKLENELRTT KSEMARYLKE YQDLLNVKMA LDIEIAAYRK LLEGEETRLS FTSVGSITSG YSQSSQVFG SAYGGLQTSS YLMSTRSFP S YYTSHVQEEQ IEVEETIEAA KAEKAKDEPP SEGEAEKEEEK DKEEAEKEEEA AEKEEAAKEE SEEAKEEEEE GEGEEGEETK EAEKEEKKVE GAGEEQAAKK KD
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NEFL recombinant protein	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	105990539
NCBI GeneID	4747
NCBI Accession #	NP_006149.2
NCBI GenBank Nucleotide #	NM_006158.4
UniProt Accession #	P07196; Q16154; Q8IU72; B9ZVN2
Molecular Weight	81.4 kDa
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 subunit 110
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/18421>