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

Recombinant Mouse Neurofilament light polypeptide (Nefl)

CATALOG #	HOST
AAA18436	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Neurofilament light polypeptide (Nefl); Recombinant Mouse Neurofilament light polypeptide (Nefl); 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	SSFGYDPYFS TSYKRRYVET PRVHISSVRS GYSTARSAYS SYSAPVSSSL SVRRSYSSSS GSLMPSLENL DLSQVAAISN DLKSIRTQEK AQLQDLNDRF ASFIERVHEL EQQNKVLEAE LLVLRQKHSE PSRFRALYEQ EIRDLRLAAE DATNEKQALQ GEREGLEETL RNLQARYEEE VLSREDAEGR LMEARKGADE AALARAELEK RIDSLMDEIA FLKKVHEEEI AELQAQIQYA QISVEMDVSS KPDLSAALKD IRAQYEKLAA KNMQNAEEWF KSRFTVLTES AAKNTDAVRA AKDEVSESRR LLKAKTLEIE ACRGMNEALE KQLQELEDKQ NADISAMQDT INKLENELRS TKSEMARYLK EYQDLLNVKM ALDIEIAAYR KLLEGEETRL SFTSVGSITS GYSQSSQVFG RSAYSGLQSS SYLMSARSFP AYYTSHVQEE QTEVEETIEA TKAEEAKDEP PSEGEAEEEE KEKEEGEEEE GAEEEEAAKD ESEDTKEEEE GGEGEEEDTK ESEEEEKKEE SAGEEQVAKK KD
Species	Mouse
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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39204499
NCBI GeneID	18039
NCBI Accession #	NP_035040.1
NCBI GenBank Nucleotide #	NM_010910.1
UniProt Accession #	P08551; Q8K0Z0
Molecular Weight	63.4 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; CMT2E; AI847934
NCBI Protein Information	neurofilament light polypeptide
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	**Nefl**
UniProt Synonym Gene Names	Nf68; Nfl; NF-L

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/18436