

Neurofilament, Light Polypeptide (NEFL) Recombinant Protein | NEFL recombinant protein

Recombinant Neurofilament, Light Polypeptide (NEFL)

CATALOG # AAA134176	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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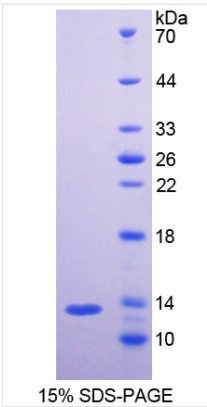
PRODUCT SYNONYMS

Neurofilament; Light Polypeptide (NEFL); Recombinant Neurofilament; NEFL recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	YEQEIRDLRL AAEDATNEKQ ALQGEREGLE ETLRNLQARY EEEVLSREDA EGRLMEARKG ADEAALARAE LEKRIDSLMD EIAFLKKVHE EEIAEL
Applicable Applications for NEFL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr139~Leu234
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	4.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

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	Predicted Molecular Mass: 12.6kDa Accurate Molecular Mass: 13kDa as determined by SDS-PAGE reducing conditions.
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; neurofilament protein L; 68 kDa neurofilament protein; neurofilament triplet L protein
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	Nefl
UniProt Synonym Gene Names	Nf68; Nfl; NF-L
UniProt Entry Name	NFL_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/nefl-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134176>