

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

Recombinant Neurofilament, Light Polypeptide (NEFL)

CATALOG # AAA152354	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

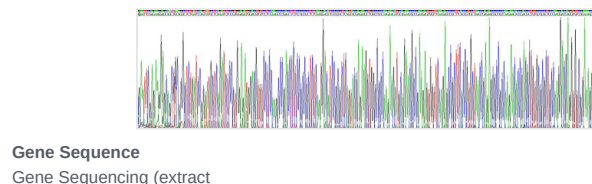
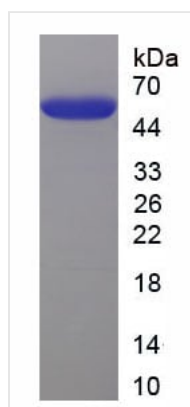
PRODUCT SYNONYMS

Neurofilament; Light Polypeptide (NEFL); Recombinant Neurofilament; NEFL/Neurofilament; Light Polypeptide; CMT1F; CMT2E; NF-L; NF68; NFL; 68 kDa neurofilament protein; Neurofilament triplet L protein; NEFL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Glu230~Glu 397
Applicable Applications for NEFL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	4.6
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES


SDS-PAGE
SDS-PAGE

SKPDLSAALK	DIRAQYEKLA	AKNMQNAEEN	E IAEIQAQIQY	AQISVEMDVS
AAKDEVSESR	RLKAKTLEI	EACRGHNEAL	FKSRFTVLTE	SAAKNTDAVR
TINKLENELR	STKSEMARYL	KEYQDLLNVK	MAIDIEIAAY	RKLLEGE

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for NEFL recombinant protein	Neuro science; Prokaryotic Recombinant proteins/RP
--	--

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	61,508 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/nefl-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152354>