

Recombinant Full Length Human NEFL protein(2-543aa)

Cat. No. NEFL-543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEFL protein(P07196)(2-543aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-543 a.a.
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	61.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	SSFSYEPYYSTSYKRRYVETPRVHISSVRSGYSTARSAYSYSAPVSSSLSVRRSYS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SSSGSLMPSENLDLSQVAAISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQN
 KVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLR
 NLQARYEEEEVLSREDAEGRLEMEARKGADEAALARAEELEKRIDSLMDEISFLKKVHEE
 EIAELQAQIQYAQISVEMDVTKPDLSAALKDIRAQYEKLAAKNMQNAAEWFKSRTVL
 TESAAKNTDAVRAAKDEVSESRLLKAKTLEIEACRGMNEALEKQLQELEDKQNADI
 SAMQDTINKLENELRTTKSEMARYLKEYQDLLNVKMALDIEIAAYRKLEGEETRLSF
 TSVGSITSGYSQSSQVFGRSAYGGLQTSSYLMSTRSFPSYYTSHVQEEQIEVEETIE
 AAKAEEAKDEPPSEGEAEKEEKKDKEEAEKEEAEKEEAEKEEAEKEEAEKEEAEKEE
 EGEEETKEAEKEEKKVEGAGEEQAAKKKD

GENE INFORMATION

Gene Name [NEFL neurofilament, light polypeptide \[Homo sapiens \]](#)

Official Symbol [NEFL](#)

Synonyms NEFL; neurofilament, light polypeptide; neurofilament, light polypeptide 68kDa; neurofilament light polypeptide; CMT1F; CMT2E; NF68; NFL; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament protein, light chain; light molecular weight neurofilament protein; NF-L; FLJ53642;

Gene ID [4747](#)

mRNA Refseq [NM_006158](#)

Protein Refseq [NP_006149](#)

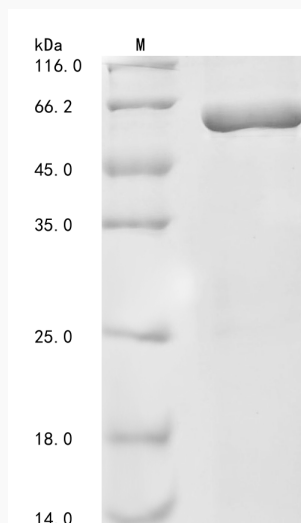
MIM [162280](#)

UniProt ID [P07196](#)

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SDS-PAGE

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