

Recombinant Mouse Nefl protein, His-tagged

Cat. No. Nefl-6433M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nefl protein(P08551)(2-543aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	2-543a.a.
Tag	His
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	65.5 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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

SSFGYDPYFSTSYKRRYVETPRVHISSVRSGYSTARSAYSYSAPVSSSLSVRRSYS
 SSSGSLMPLENLDLSQVA AISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQN
 KVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLR
 NLQARYEEEEVLSREDAEGRLMEARKGADEAALARAELEKRIDSLMDEIAFLKKVHEE
 EIAELQAQIQYAQISVEMDVSSKPDLSAALKDIRAQYEKLA AKNMQNAAEEWFKSRFT
 VLTESA AKNTDAVRAAKDEVSESRRLLKAKTLEIEACRGMNEALEKQLQELEDKQNA
 DISAMQDTINKLENELRSTKSEMARYLKEYQDLLNVKMALDIEIAAYRKLLEGEETRL
 SFTSVGSITSGYSQSSQVFGRSAYSGLQSSSYLMSARSFPAYYTSHVQEEQTEVEE
 TIEATKAEAAKDEPPSEGEAEEEEKEKEEGEEEEGAEEEEAAKDESEDTKEEEEGG
 EGEEEDTKESEEEEKKEESAGEEQVAKKGD

GENE INFORMATION

Gene Name Nefl neurofilament, light polypeptide [*Mus musculus*]

Official Symbol Nefl

Synonyms NEFL; neurofilament, light polypeptide; neurofilament light polypeptide; neurofilament protein L; 68 kDa neurofilament protein; neurofilament triplet L protein; Nfl; NF-L; NF68; CMT2E; AI847934;

Gene ID 18039

mRNA Refseq NM_010910

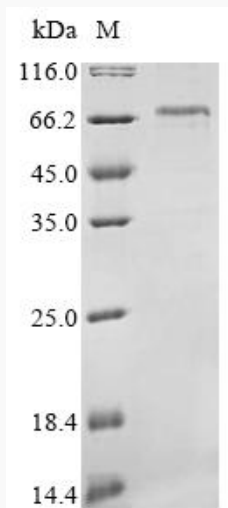
Protein Refseq NP_035040

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SDS-PAGE



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