

Recombinant Rat Nefl protein, His-tagged

Cat. No. Nefl-3271R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nefl protein(P19527)(2-542aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	2-542aa
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	67.2 kDa
AA Sequence	SSFSYEPYFSTSYKRRYVETPRVHISSVRSGYSTARSAYSSYSAPVSSSLSVRRSYS SSSGSLMPLENLDLSQVAAISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQN KVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLR NLQARYEEEEVLSREDAEGRLMEARKGADEAALARAELEKRIDSLMDEIAFLKKVHEE EIAELQAQIQYAQISVEMDVSSKPDLSAALKDIRAQYEKLAAKNMQNAEEWFKSRFT VLTESAAKNTDAVRAAKDEVSESRRLLKAKTLEIEACRGMNEALEKQLQELEDKQNA DISAMQDTINKLENELRSTKSEMARYLKEYQDLLNVKMLDIEIAAYRKLLEGEETRL SFTSVGSITSGYSQSSQVFGRSAYSGLQSSSYLMSARAFPAYYTSHVQEEQSEVEE TIEATKAEAAKDEPPSEGEAEKEKEKEEGEEEGAEKEEAAKDESEDAKEEEEGGE

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GEEEDTKESEEEEKKEESAGEEQAAKKDD

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 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Nefl neurofilament, light polypeptide [*Rattus norvegicus*]

Official Symbol Nefl

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

Gene ID 83613

mRNA Refseq NM_031783

Protein Refseq NP_113971

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