

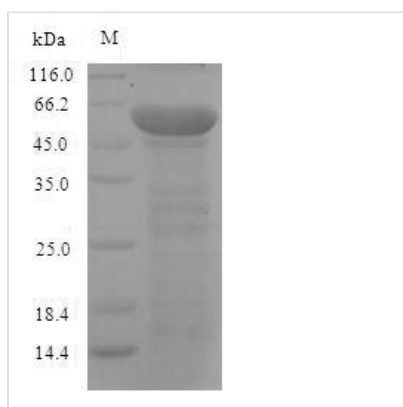


Recombinant Mouse Neurofilament light polypeptide (Nefl)

Product Code	CSB-YP015688MO
Relevance	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.
Abbreviation	Recombinant Mouse Nefl protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P08551
Alias	68 kDa neurofilament protein Neurofilament triplet L protein
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SSFGYDPYFSTSYKRRYVETPRVHISSVRSGYSTARSAYSSYSAPVSSSLSVR RSYSSSSGSLMPLENLDLSQVA AISNDLKSIRTQEKAQLQDLNDRFASFIERV HELEQQNKVLEAELLVLRQKHSEPSRFRALYEQEIRDRLAAEDATNEKQALQ GEREGLEETLRNLQARYEEEEVLSREDAEGRLMEARKGADEAALARAELEKRID SLMDEIAFLKKVHEEEIAELQAQIQYAQISVEMDVSSKPDLSAALKDIRAQYEKL AAKNMQNAEEWFKSRFTVLTESAAKNTDAVRAAKDEVSESRLLKAKTLEIEA CRGMNEALEKQLQELEDKQNADISAMQDTINKLENELRSTKSEMARYLKEYQ DLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVFGRSAYSGL QSSSYLMSARSPAYYTSHVQEEQTEVEETIEATKAEKDEPPSEGEAEESSE KEKEEGEEEEGAEEEEAAKDESEDTKEEEEGGEGEEEDTKESEEEEKKEESA GEEQVAKKKD
Research Area	Others
Source	Yeast
Target Names	Nefl
Protein Names	Recommended name: Neurofilament light polypeptide Short name= NF-L Alternative name(s): 68 kDa neurofilament protein Neurofilament triplet L protein
Expression Region	2-543aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	63.4kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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