

# Recombinant Mus musculus Neurofilament light polypeptide

Catalog No: #AP72700

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Package Size: #AP72700-1 20ug #AP72700-2 100ug #AP72700-3 1mg

## Description

Product Name	Recombinant Mus musculus Neurofilament light polypeptide
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-543aaSequence Info:Full Length
Other Names	68KDA neurofilament proteinNeurofilament triplet L protein
Accession No.	P08551
Uniprot	P08551
GeneID	18039;
Calculated MW	63.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SSFGYDPYFSTSYKRRYVETPRVHISSVRSYGSTARSAYSSYSAPVSSSLSVRRSYSSSSGSLMPSLENLDLS QVA AISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQNKVLEAELLVLRQKHSEPSRFRALYEQEIRDLRLA AEDATNEKQALQGEREGLEETLRNLQARYEEEEVLSREDAEGRLEARKGADEAALARAELEKRIDSLMDEIAF LKKVHEEEIAELQAQIQYQISVEMDVSSKPDLSAALKDIRAQYEKLAANKMQNAEEWFKSRFTVLTESAAKNT DAVRAAKDEVSESRLLKAKTLEIEACRGMNEALEKQLQELEDKQNADISAMQDTINKLENELRSTKSEMARY LKEYQDLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVFGRSAYSGLQSSSYLMSARSPAY YTSHVQEEQTEVEETIEATKAEKDEPPSEGEAEKEEKEEKEEKEEAEKEEKEEKEEKEEKEEKEEKEEKEEKEE EEEDTKESEEEEEKKEESAGEEQVAKKKD
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.

## References

Identification of Ser-55 as a major protein kinase A phosphorylation site on the 70-KDA subunit of neurofilaments. Early turnover during axonal transport.Sihag R.K., Nixon R.A.J. Biol. Chem. 266:18861-18867(1991)Research Topic:Others

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Note: This product is for in vitro research use only