

## Product datasheet for TP524212

### Nefl (NM\_010910) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse neurofilament, light polypeptide (Nefl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224212 representing NM_010910 Red=Cloning site Green=Tags(s)

MSSFGYDPYFSTSYKRRYVETPRVHISSVRSGYSTARSAYSSYSAPVSSSLSVRRSYSSSSGSLMPLEN  
LDLSQVA AISNDLKSIRTQEKAQLQDLNDRFASFIERVHELEQQNKVLEALLVLRQKHSEPSRFRALYE  
QEIRDRLAAEDATNEKQALQGEREGLEETLRNLQARYEEEEVLSREDAEGRLMEARKGADEAALARAELE  
KRIDSLMDEIAFLKKVHEEEIAELQAQIQYAQISVEMDVSSKPDLSAALKDIRAQYEKLAAKNMQNAEEW  
FKSRFTVLTESAANKNTDAVRAAKDEVSESRLLKAKTLEIEACRGMNEALEKQLQELEDKQNADISAMQD  
TINKLENELRSTKSEMARYLKEYQDLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSQSSQVF  
GRSAYSLQSSYLMSARSFPAYTSHVQEEQTEVEETIEATKAAEAKDEPPSEGEAEKEEKEEGEEE  
EGAEKEEAAKDESEDTKEEEEGGEGEEEDTKESEEEEEKKEESAGEEQVAKKKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	62 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035040</a>



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<b>Locus ID:</b>	18039
<b>UniProt ID:</b>	<u>P08551</u>
<b>RefSeq Size:</b>	2014
<b>Cytogenetics:</b>	14 D1
<b>RefSeq ORF:</b>	1629
<b>Synonyms:</b>	AI847934; CMT2E; NF-L; NF68; Nfl
<b>Summary:</b>	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.[UniProtKB/Swiss-Prot Function]