

## Product datasheet for TP527134

### Nefh (NM\_010904) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse neurofilament, heavy polypeptide (Nefh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227134 representing NM_010904 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MMSFGSADALLGAPFAPLHGGGSLHYLSRKAGPGGTRSAAGSSSGFHSWARTSVSSVSASPSRFRGAAS  
STDSDLTSLNGPEGCVVAVAARSEKEQLQALNDRFAGYIDKVRQLEAHNRSLEGEAAAALRQQAGRAAM  
GELYEREVREMRGAVLRLGAARGQLRLEQEHLLEDIAHVRQRLDEEARQREEAEAAAARALARFAQEAEAA  
RVELQKKAQALQEECGYLRRHHQEVEGELLGQIQGCGAAQAQAQAEARDALKCDVTSALREIRAQLEGHA  
VQSTLQSEEWFRVRLDRLSEAAKVNTDAMRSAQEEITEYRRQLQARTTELEALKSTKESLERQRSELEDR  
HQADIASYQDAIQQLDSELRNKWEAAQLREYQDLLNVKMALDIEIAAYRKLLLEGEECRIGFGPSPFSL  
TEGLPKIPSISTHIKVKSEMIKVVKEKSEKETVIVEGQTEEIRVTEGVTEEDKEAQQGEGEEAEEGEEK  
EEEEGAAATSPPAEEAASPEKETKSRVKEEAKSPGEAKSPGEAKSPAEAKSPGEAKSPGEAKSPGEAKSP  
AEPKSPAEPKSPAEPKSPATVKSPGEAKSPSEAKSPAEPKSPAEPKSPAEPKSPAEPKSPAEPKSPAEPK  
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PKEKTETTTEAEDTKAKEPSKPTETEKPKKEEMPAPEKKDTEKEKTTESRKPPEKPKMEAKVKEDDKS  
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**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

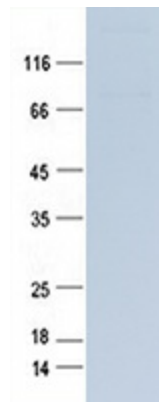
Tag:	C-MYC/DDK
Predicted MW:	117 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_035034</a>
<b>Locus ID:</b>	380684
<b>UniProt ID:</b>	<a href="#">P19246</a> , <a href="#">Q80TQ3</a>
<b>RefSeq Size:</b>	4004
<b>Cytogenetics:</b>	11 3.12 cM
<b>RefSeq ORF:</b>	3270
<b>Synonyms:</b>	mKIAA0845; NF-H; NF200; Nfh
<b>Summary:</b>	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. NF-H has an important function in mature axons that is not subserved by the two smaller NF proteins.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Nefh was analyzed by SDS-PAGE gel and Coomassie Blue Staining.