

Recombinant Mouse Nefh Protein, Myc/DDK-tagged

Cat. No. Nefh-4362M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length neurofilament, heavy polypeptide (Nefh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	117 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nefh neurofilament, heavy polypeptide [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nefh
Synonyms	NEFH; neurofilament, heavy polypeptide; neurofilament heavy polypeptide; neurofilament 200kDa; 200 kDa neurofilament protein; neurofilament triplet H protein; Nfh; NF-H; NF200; mKIAA0845
Gene ID	380684
mRNA Refseq	NM_010904
Protein Refseq	NP_035034
UniProt ID	P19246

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