

## Recombinant Human NEFH protein, His-tagged

Cat. No. NEFH-0560H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NEFH protein(Met1-Lys1026), fused with His tag, was expressed in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-1026 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 114.5 kDa. The protein migrates as 160-230 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Met1-Lys1026
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	NEFH neurofilament, heavy polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	NEFH
<b>Synonyms</b>	NEFH; neurofilament, heavy polypeptide; neurofilament, heavy polypeptide 200kDa; neurofilament heavy polypeptide; NF-H; 200 kDa neurofilament protein; neurofilament triplet H protein; NFH;
<b>Gene ID</b>	4744
<b>mRNA Refseq</b>	NM_021076
<b>Protein Refseq</b>	NP_066554
<b>MIM</b>	162230
<b>UniProt ID</b>	P12036

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