

## Recombinant human NEFL

Cat. No. NEFL-182H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	E. coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Protein standard for immunoblotting, immunization and immunoassays.
<b>Form</b>	lyophilized, purified
<b>Purity</b>	>98%
<b>Storage</b>	At 2-8 centigrade (lyoph.); at -20 centigrade (reconstituted)

### GENE INFORMATION

<b>Gene Name</b>	NEFL neurofilament, light polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	NEFL
<b>Synonyms</b>	NEFL; neurofilament, light polypeptide; neurofilament, light polypeptide 68kDa; neurofilament light polypeptide; CMT1F; CMT2E; NF68; NFL; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament protein, light chain; light molecular weight

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<b>Gene ID</b>	4747
<b>mRNA Refseq</b>	NM_006158
<b>Protein Refseq</b>	NP_006149
<b>MIM</b>	162280
<b>UniProt ID</b>	P07196
<b>Chromosome Location</b>	8p21.2
<b>Pathway</b>	Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; CREB phosphorylation through the activation of CaMKII, organism-specific biosystem; CREB phosphorylation through the activation of Ras, organism-specific biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Receptor Binding And Downstream Transmission In The Postsynaptic Cell, organism-specific biosystem;
<b>Function</b>	identical protein binding; protein C-terminus binding; protein binding; structural constituent of cytoskeleton;

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