Recombinant Mouse Nefl protein, His-tagged

Cat. No. Nefl-10M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nefl(Tyr139~Leu234) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Tyr139~Leu234
Description	Nefl antigen played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
Quality Control Test	62 kDa
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

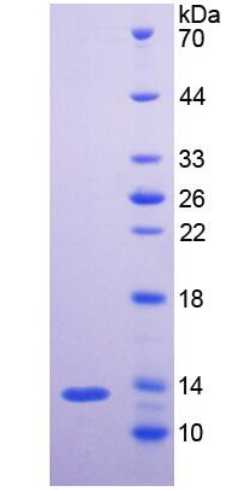
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Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Nefl neurofilament, light polypeptide [Mus musculus]
Official Symbol	Nefl
Synonyms	NEFL; neurofilament, light polypeptide; neurofilament light polypeptide; neurofilament protein L; 68 kDa neurofilament protein; neurofilament triplet L protein; Nfl; NF-L; NF68; CMT2E; AI847934;
Gene ID	18039
mRNA Refseq	NM_010910
Protein Refseq	NP_035040
UniProt ID	P08551
Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;
Function	identical protein binding; phospholipase binding; protein C-terminus binding; protein binding; protein domain specific binding; structural constituent of cytoskeleton; structural molecule activity;

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15% SDS-PAGE

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