Native Pig NFL Protein (549 AA)

Cat. No. NFL-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified porcine axonal neurofilament 70 (low molecular weight, NF-L).
Species	Pig
ProteinLength	549
Description	Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks.
Form	Liquid
Molecular Mass	62072 Da
Purity	Contains approximately 90% NF-L and a small amount of NF-M.
Applications	Positive Control Western blotting Protein standard ELISA Radioimmunoassay Optimal working dilution must be determined by the end user.
Usage	Unless otherwise stated in our catalog or other company documentation

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	accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.
Storage	Maintain at -20 to -70 centigrade in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
Concentration	1 mg/mL
Storage Buffer	6M Urea, 10 mM Phosphate, pH 7.5.

GENE INFORMATION

Gene Name	NEFL neurofilament light chain [Sus scrofa (pig)]
Official Symbol	NEFL
Synonyms	NEFL; neurofilament light chain; NF-L; neurofilament light polypeptide; 68 kDa neurofilament protein; Neurofilament triplet L protein; neurofilament, light polypeptide
Gene ID	100521224
mRNA Refseq	NM_001244331
Protein Refseq	NP_001231260
UniProt ID	P02547

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