

Product Data Sheet

Recombinant Human NEFL Protein

Catalog #	Source	Reactivity	Applications
CST1110	E. coli	H	
Description	Recombinant Human NEFL Protein is produced by E. coli expression system and the target gene encoding Lys91-Glu510 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	NEFL		
Alternative Names	NF68; NFL; Neurofilament light polypeptide; NF-L; 68 kDa neurofilament protein; Neurofilament triplet L protein		
Entrez Gene	4747		
SwissProt	P07196		
Purity			
Chemical Structure	KAQLQDLNDR FASFIERVHE LEQQNKVLEA ELLVLRQKHS EPSRFRALYE QEIRDLRLAA EDATNEKQAL QGEREGLEET LRNLQARYEE EVLSREDAEG RLMEARKGAD EAALARAELE KRIDSLMDEI SFLKKVHEEE IAEQAQIQY AQISVEMDVT KPDLSAALKD IRAQYEKLAA KNMQNAEEWF KSRFTVLTES AAKNTDAVRA AKDEVSESRR LLKAKTLEIE AC		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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