

Recombinant Human Neurofilament Heavy Polypeptide Protein

Catalog #	Source	Reactivity	Applications
CST1083	E. coli	H	
Description	Recombinant Human Neurofilament Heavy Polypeptide Protein is produced by E. coli expression system and the target gene encoding Leu101-Glu480 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	NEFH		
Alternative Names	KIAA0845; NFH; Neurofilament heavy polypeptide; NF-H; 200 kDa neurofilament protein; Neurofilament triplet H protein		
Entrez Gene	4744		
SwissProt	P12036		
Purity			
Chemical Structure	LQALNDRFAG YIDKVRQLEA HNSRLEGEAA ALRQQQAGRS AMGELYEREV REMRGAVLRL GAARGQLRLE QEHLLEDIAH VRQRLDDEAR QREEAEAAAR ALARFAQEAE AARVDLQKKA QALQEECGYL RRHHQEEVGE LLGQIQGSGA AQAQMQAETR DALKCDV TSA LREIRAQLEG HAVQSTLQSE EWFRVRLDRL SEAAKVNTDA MRSAQEEITE YRRQLQARTT EL		
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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