

Recombinant Full Length Human PRPH Protein

Cat. No. PRPH-405HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Peripherin with an N terminal proprietary tag; Predicted MWt 77.77 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	470 amino acids
Description	This gene encodes a cytoskeletal protein found in neurons of the peripheral nervous system. The encoded protein is a type III intermediate filament protein with homology to other cytoskeletal proteins such as desmin, and is a different protein that the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis.
Form	Liquid
Molecular Mass	77.770kDa inclusive of tags
AA Sequence	MSHHPGLRAGFSSTSYRRTFGPPPSLSPGAFSYSSSSRF SSSRLLGSASPSSSVR LGSFRSPRAGAGALLRLPSERLDF SMAEALNQEFLATRSNEKQELQELNDRFANFI EKVRFLEQ QNAALRGELSQARGQEPARADQLCQQELRELRLRELELLGR ERDRVQ VERDGLAEDLAALKQRLEEETRKREDAEHNLVLF RKDVDDATLSRLELERKIESLMD EIEFLKKLHEEELRDLQ VSVESQQVQQVEVEATVKPELTAALRDIRAQYESIAAKNL QEAEWYKSKYADLSDAANRNHEALRQAKQEMNESRRQIQ SLTCEVDGLRGRTNEA

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LLRQLRELEEQFALEAGGYQAGAAR LEEELRQLKEEMARHLREYQELLNVKMALDI
 EIATYRKLL EGEEISRISVPVHSFASLNIKTTVPEVEPPQDSHSRKTCLI KTIETRNAGEV
 VTESQKEQRSELDKSSAHSY

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [PRPH peripherin \[Homo sapiens \]](#)

Official Symbol [PRPH](#)

Synonyms PRPH; peripherin; NEF4; PRPH1

Gene ID [5630](#)

mRNA Refseq [NM_006262](#)

Protein Refseq [NP_006253](#)

MIM [170710](#)

UniProt ID [P41219](#)

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