

Recombinant Human PRPH

Cat. No. PRPH-30643TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 374-470 of Human Peripherin with an N terminal proprietary tag; Predicted MWt 36.3 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	97 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.
Molecular Weight	36.300kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	RHLREYQELLNVKMALDIEIATYRKLLLEGESRISVPVHSFASLNIKTTVPEVEPPQDS HSRKTVLIKTIETRNGEVVTESQKEQRSELDKSSAHSY
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Sequence Similarities	Belongs to the intermediate filament family.
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GENE INFORMATION

Gene Name	PRPH peripherin [Homo sapiens]
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Official Symbol	PRPH
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Synonyms	PRPH; peripherin; NEF4; PRPH1;
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Gene ID	5630
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mRNA Refseq	NM_006262
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Protein Refseq	NP_006253
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MIM	170710
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Uniprot ID	P41219
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Chromosome Location	12q12-q13
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Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;
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Function	structural molecule activity;
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