

Recombinant Human PRPH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRPH-4227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRPH MS Standard C13 and N15-labeled recombinant protein (NP_006253) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 Mass	53.7 kDa
AA Sequence	MSHHPSGLRAGFSSTSYRRTFGPPPSLSPGAFSYSSSSRFSSSRLLGSASPSSSVR LGSFRSPRAGAGALLRLPSERLDFSMAEALNQEFLATRSNEKQELQELNDRFANFIE KVRFLQEQNAALRGELSQARGQEPARADQLCQQLRELRLRELELLGRERDRVQVE RDGLAEDLAALKQRLEEETRKREDAEHNVLFRKDVDDATLSRLELERKIESLMDEIE FLKKLHEEELRDLQVSVESQQVQVEVEATVKPELTAALRDIRAQYESIAAKNLQEA EEWYKSKYADLSDAANRNHEALRQAKQEMNESRRQIQSLTCEVDGLRGTTNEALLR QLRELEEQFALEAGGYQAGAAARLEEELRQLKEEMARHLREYQELLNVKMALDIEIAT YRKLEGEESRISVPVHSFASLNIKTTVPEVEPPQDSHSRKTVLIKTIETRNGEVVTES

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QKEQRSELDKSSAHSYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

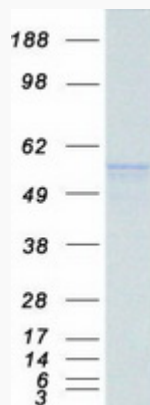
GENE INFORMATION

Gene Name	PRPH peripherin [Homo sapiens (human)]
Official Symbol	PRPH
Synonyms	PRPH; peripherin; NEF4; PRPH1; neurofilament 4 (57kD);
Gene ID	5630
mRNA Refseq	NM_006262
Protein Refseq	NP_006253
MIM	170710
UniProt ID	P41219

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SDS-PAGE

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