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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PRPH (Human) Recombinant Protein (P01)

Catalog Number: H00005630-P01

Regulation Status: For research use only (RUO)

Product Description: Human PRPH full-length ORF (NP_006253.2, 1 a.a. - 470 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSHHPSGLRAGFSSTSYRRTFGPPPSLSPGAFSYSSS
SRFSSSRLLGSASPSSSVRLGSFRSPRAGAGALLRLP
SERLDFSMAEALNQEFLATRSNEKQELQELNDRFANFI
EKVRFLEQQNAALRGELSQARGQEPARADQLCQQEL
RELRELELLGRERDRVQVERDGLAEDLAALKQRLEE
ETRKREDAEHNLVLFKDVDDATLSRLELERKIESLMD
EIEFLKKLHEEELRDLQVSVESQQVQVEVEATVKPEL
TAALRDIRAQYESIAAKNLQEAEEWYKSKYADLSAAN
RNHEALRQAKQEMNESRRQIQSLTCEVDGLRGTNEAL
LRQLRELEEQFALEAGGYQAGAARLEEELRQLKEEMA
RHLREYQELLNVKMALDIEIATYRKLLEGEESRISVPVH
SFASLNIKTTVPEVEPPQDHSRKTVLIKTIETRNGEVV
TESQKEQRSELDKSSAHSY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.1

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5630

Gene Symbol: PRPH

Gene Alias: NEF4, PRPH1

Gene Summary: 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. [provided by RefSeq]

References:

1. Peripherin partially localizes in Bunina bodies in amyotrophic lateral sclerosis. Mizuno Y, Fujita Y, Takatama M, Okamoto K. J Neurol Sci. 2011 Mar 15;302(1-2):14-8. Epub 2011 Jan 15.