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Datasheet for ABIN1474002

**Peripherin Protein (PRPH) (AA 1-468) (His tag)**

## Overview

Quantity:	1 mg
Target:	Peripherin (PRPH)
Protein Characteristics:	AA 1-468
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Peripherin protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSHHSSGLRS SISSTSYRRT FGPPPSLSPG AFSYSSSSRF SSSRLLGSGS PSSSARLGSF RAPRAGALRL PSERLDFSMA EALNQEFLAT RSNEKQELQE LNDRFANFIE KVRFLEQQNA ALRGELSQR GQEPARADQL CQQLRELRR ELELLGRERD RVQVERDGLA EDLGALKQRL EEETRKREDA EHNLVLFKRD VDDATLSRLE LERKIESLMD EIEFLKKLHE EELRDLQVSV ESQQVQQVEV EATVKPELTA ALRDIRAQYE NIAAKNLQEA EEWYKSKYAD LSDAANRNHE ALRQAKQEMN ESRRQIQSLT CEVDGLRGTN EALLRQLREL EEQFALEAGG YQAGAARLEE ELRQLKEEMA RHLREYQELL NVKMALDIEI ATYRKLLIGE ESRISVPVHS FASLSLKTTV PEVEPPQDSH SRKMVLIRTI ETRDGEKVVT ESQKEQHSEL DKSSIHSY
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: Peripherin (PRPH)

Abstract: [PRPH Products](#)

Background: Recommended name: Peripherin

UniProt: [P21807](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.