Datasheet for ABIN1477466

Peripherin Protein (PRPH) (AA 1-456) (His tag)

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Overview

Quantity:	1 mg
Target:	Peripherin (PRPH)
Protein Characteristics:	AA 1-456
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Peripherin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSHSGLRSTS TSYRRTLGSS PVPSSYSSSS RLSTSRHFGS PSPGPSSRSS SSAFRVRSST PVRVSLDRVD FSVAEAVNQE FLTTRSNEKA ELQELNDRFA SFIEKVRYLE QQNAVLVTEI NQARSKEPTR ASDLCQQELR ELRKQLELLG KDRDHIQVER DNFAEDLAFL KQRLDEEVHK REDAENNLVL FRKDVDDATL SRLELERKIE SLMDEIEFLK KLHEEELNDV QVSVQAQPVH MEIEAAKQPD LTSALRDIRS QYETIAAKNV QESEDWYKSK FADLSDAANR NSEALRQAKQ DMNESRRQIQ SLTCEVDGLK GTNEALLRQM KNMEEQFGME AANYQDTIGG LEQEVQHMKE EMSRHLREYQ DLLNVKMALD IEIATYRKLL EGEESRIAVP IHSLTSLSIK SPAAPEIDPS TETHTRKTVA IKTIETRDGE QVVTESRKEQ SSEGEK
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	Peripherin (PRPH)
Abstract:	PRPH Products
Background:	Recommended name: Peripherin. Alternative name(s): Neuronal intermediate filament IF3
UniProt:	P48676

Application Details

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 modificated 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

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.