



[Go to Product page](#)

## Datasheet for ABIN1632317 DPH2 Protein (AA 1-489) (His tag)

### Overview

Quantity:	1 mg
Target:	DPH2
Protein Characteristics:	AA 1-489
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPH2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MESTFSSPAE AALQREAGVP GQFTPPEDLD RVYELERVTR FICDLGCQRV ALQFPDQLLG</p> <p>DAGAVAAARLE EVTGSKMFIL GDTAYGSCCV DVLGAEQAGA QALVHFGPAC LSPPASLLPI</p> <p>TFVLGRRPVA LELCAKAFEQ QNPDPALV LLSEPAHA LEPLATLLRP KYQDLLISSP</p> <p>ALPLPVGSLS SQPESLERFG RRFPLNPGRS LEEYGAFYVG ASQASSDPNL DPDLRLLLG</p> <p>WTPGRPFSC CPDTGQTQDQ GAKAGRLRAR RLYLVERARD ARVVGLLVGT LGVAQHLEAL</p> <p>AHLRKLTEAA GKRSYVLALG KPTPAKLANF PEMDVVLLA CPLGALTLPQ SGGFFRPILT</p> <p>PCELEAACNP AWPPPGLAPH LTHYAELLPG SPFHVPLPPP ESELWDPDV SLISGELRPP</p> <p>PPWKSSDDTK CSALTTPRQL ELAESSPAAS FLSSRSWQGL EPRLGQTPVK EAVQGRRGIA</p> <p>IAYELEGSS</p>
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: DPH2

Abstract: [DPH2 Products](#)

Background: Recommended name: Diphthamide biosynthesis protein 2.  
Alternative name(s): DPH2 homolog

UniProt: [Q568Y2](#)

## 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.