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## Datasheet for ABIN1478101 DPH1 Protein (AA 1-425) (His tag)

### Overview

Quantity:	1 mg
Target:	DPH1
Protein Characteristics:	AA 1-425
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPH1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSGSTESKKQ PRRRFGRKS GNSNNDKLT VAENGNEIHK QKSRIALGR SVNHPEDIL NDKELNEAIK LLPSNYNFEI HKT VWNIRKY NAKRIALQMP EGLLIYSLII SDILEQFCGV ETLVMGDVSY GACCIDDFTA RALDCDFIVH YAHSLVPID VTIKIKVLYVF VTINIQEDHI IKTLQKNFPK GSRIATFGTI QFNPAVHSVR DKLLNDEEHM LYIIPPQIKP LSRGEVLGCT SERLDKEQYD AMVFIGDGRF HLESAMIHNP EIPAFKYDPY NRKFTREGYD QKQLVEVRAE AIEVARKGKV FGLILGALGR QGNLNTVKNL EKNLIAAGKT VVKIILSEVF PQKLAMFDQI DVFVQVACPR LSIDWGYAFN KPLLTPYEAS VLLKKDVMFS EKYYPMDYEE AKGYGRGETP KHAIE
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.
Purity:	> 90 %

## Target Details

Target:	DPH1
Alternative Name:	Diphthamide biosynthesis protein 1 (DPH1) ( <a href="#">DPH1 Products</a> )
Background:	Recommended name: Diphthamide biosynthesis protein 1
UniProt:	<a href="#">P40487</a>

## 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 modified 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.