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Datasheet for ABIN1655025 DPH1 Protein (AA 1-465) (His tag)

Overview

Quantity:	1 mg
Target:	DPH1
Protein Characteristics:	AA 1-465
Origin:	Nematostella vectensis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPH1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADSVEQSSV TTKRISAKGA RKRFGTKSA SGKHSQGVDR VGSAHRPVN QIPPEILKDT KLQEALPENY NFEIHKTIWR IQQVKAKRVA LQFPEGLLLF ACTIADILES FTGCETVIMG DVTYGACCVD DYSARALGCD LLVHYGHSCS VPIDATAGIK MLYVFVDIKI DTAHFVESVR FNLGAGSCLA LVSTIQFVAA LQAASNELSK DYQVEIPQCK PLSPGEILGC TAPMLKDKDA VIYLGDRGFH LEAVMIANPA IQAYRYDPYD KTFSKEYYDI DKMHEARQTA IKQASLASKY GLILGTLGRQ GSPKVLQTL KQLQSLNMDY IIVLLSEVFP DKLKLFKDVD AWWQVACPRL SIDWGTAFPK PLLSPYEASV ALQSVAWQQS YPMDFYAYSS LGGWTPNNES NRPTPANRRK KNLHTEVIID NVSDSKPVIK ESECGSGETC CGKCTKETDK HSSTP
Specificity:	Nematostella vectensis (Starlet sea anemone)
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

Purity: > 90 %

Target Details

Target: DPH1

Alternative Name: Diphthamide biosynthesis protein 1 (dph1) ([DPH1 Products](#))

Background: Recommended name: Diphthamide biosynthesis protein 1

UniProt: [A7SLX5](#)

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.