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Datasheet for ABIN1652845

**DHDH Protein (AA 1-335) (His tag)**

## Overview

Quantity:	1 mg
Target:	DHDH
Protein Characteristics:	AA 1-335
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHDH protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MALRWGIVSA GLISSDFTTV LGTLPRSEHQ VVAVAARDLS RAKEFARKHD IPKAYGSYEE LAKDPNVEVA YIGTQHPQHK AAVLLCLAAG KAVLCEKPMG VNAAEVREMV AEARSRGLFL MEAIWTRFFP AIEALRAALS QGTLGELRVA RAEFGKNFTH IPRSDWAQA GGGLLDLGIY CIQFISMVFG GQKPEKISAV GRRYETGVDD TVTVLLQYPG GIHGSFTCSI SAQLSNMAFV SGTKGIGQIL DPCWCPTLV LKGEHKEFPL PPAPSKEFNF TNGAGMAYEA KHVRECLRKG LKESPIPLA ESELLADILE EIRKAIGVTF PQDTR
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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:	DHDH
Alternative Name:	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase (DHDH) ( <a href="#">DHDH Products</a> )
Background:	<p>Recommended name: Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase.</p> <p>EC= 1.3.1.20.</p> <p>Alternative name(s): Can2DD D-xylose 1-dehydrogenase D-xylose-NADP dehydrogenase.</p> <p>EC= 1.1.1.179 Dimeric dihydrodiol dehydrogenase</p>
UniProt:	<a href="#">Q9TV68</a>

## Application Details

Comment:	<p>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.</p>
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.