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Datasheet for ABIN1610587

**ADH1A Protein (AA 1-375) (His tag)**

## Overview

Quantity:	1 mg
Target:	ADH1A
Protein Characteristics:	AA 1-375
Origin:	Uromastyx hardwickii
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH1A protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	GTAGKVIKCK AAIaweikp LSIEQIEVAP PKAHEVRIKI LATGICRSDD HVISGAFKMP LPMVLGHEAA GVVESVGEGV TCVKPGDKVI PLFVPQCGKC SSCRSTRGNL CTSNDLSAAT GLMPDGTSRF TCKGKSLHHF ISTSSFTEYT VWHENSVVKI DAAAPLEKVC LIGCGFSTGY GAAVETAKVE PGSTCAVFGL GGVGLSAVMG CKAAGASRII GVDINKDKFP KAKEMGATEC VNPLDYKKPI NEVLFDLTGG EGVDSFEVI GRTDTMTAAL ASCHMDYGTS IIVGLPPSAS EITFSPGLIF TGRTWKGSVF GGWKS KDSVP RLVSDFMQKK FSLDPLITHT MPFDKINEGF ELLRAGKSIR SVLLF
Specificity:	Uromastyx hardwickii (Indian spiny-tailed lizard) (Saara hardwickii)
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:	ADH1A
Alternative Name:	Alcohol dehydrogenase 1A ( <a href="#">ADH1A Products</a> )
Background:	Recommended name: Alcohol dehydrogenase 1A. EC= 1.1.1.1. Alternative name(s): Alcohol dehydrogenase I-A. Short name= ADH IA
UniProt:	<a href="#">P25405</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.