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Datasheet for ABIN1476009

## ADH5 Protein (AA 2-374) (His tag)

### Overview

Quantity:	1 mg
Target:	ADH5
Protein Characteristics:	AA 2-374
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>ANQVIRCKA AVAWEAGKPL SIEEIEVAPP QAHEVRIKII ATAVCHTDAY TLSGADPEGC</p> <p>FPVILGHEGA GIVESVGEGV TKLKAGDTVI PLYIPQCGEC KFCLNPKTNL CQKIRVTQ GK</p> <p>GLMPDGTSRF TCKGKPILHF MGTSTFSEYT VVADISVAKI DPSAPLDKVC LLGCGISTGY</p> <p>GAAVN TAKVE PGSTCAVFGL GGVGLAVIMG CKVAGASRII GIDINKDKFA KAKEFGATEC</p> <p>INPQDFS KSI QEVLIEMTDG GVDFSFE CIG NVKVMRSAL EAAHKGWGVSV VVGVAASGEE</p> <p>ISTRPFQLVT GRTWKGTAFG GWKSVESVPK LVSEYMSKKI KVDEFVTGNL SFDQINKAFD</p> <p>LMHSGNSIRT VLKM</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.
Purity:	> 90 %

## Target Details

Target:	ADH5
Alternative Name:	Alcohol dehydrogenase class-3 (Adh5) ( <a href="#">ADH5 Products</a> )
Background:	<p>Recommended name: Alcohol dehydrogenase class-3.</p> <p>EC= 1.1.1.1.</p> <p>Alternative name(s): Alcohol dehydrogenase 2 Alcohol dehydrogenase 5 Alcohol dehydrogenase B2.</p> <p>Short name= ADH-B2 Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase.</p> <p>Short name= FALDH.</p> <p>Short name= FDH.</p> <p>Short name= GSH-FDH.</p> <p>EC= 1.1.1.1.- S-(hydroxymethyl)glutathione dehydrogenase.</p> <p>EC= 1.1.1.284</p>
UniProt:	<a href="#">P12711</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 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.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

## Handling

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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.