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## Datasheet for ABIN1674270 RDH10 Protein (AA 1-341) (His tag)

### Overview

Quantity:	1 mg
Target:	RDH10
Protein Characteristics:	AA 1-341
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RDH10 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MHIVLEFFLV TFRVLWAFVL AAKWVFRPK DKNVAGQVCL ITGAGSGLGR LFALEFARRR AQLVLWDINP QSNEETADMV RDIYRQLQAE DSARRANSSA DEEVLPCCNL QVYTYTCDVG KRESVYSTAE RVRREVGDVY LLLNNAGVVS GHLLLECPDE LIERTMMVNC HAHFWTTKAF LPKMMEMNHG HIVSVASSLG LFSTAGVEDY CASKFGVVGF HESLSHELKA ADKDGIKTTL VCPYLVD TGM FRGCRIRKEI EPFLPPLKPD YCVKQAMRAI LTDQPMICTP RLMYIVLCMK SILPFEAVVC MYRFLGADKC MYPFIAQRKQ ATNNNETKNG I
Specificity:	Xenopus laevis (African clawed frog)
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:	RDH10
Alternative Name:	Retinol dehydrogenase 10-B (rdh10-b) ( <a href="#">RDH10 Products</a> )
Background:	Recommended name: Retinol dehydrogenase 10-B. EC= 1.1.1.300
UniProt:	<a href="#">Q6NRV4</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 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.
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.