

Datasheet for ABIN1509384

## AKR1E2 Protein (AA 1-301) (His tag)



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### Overview

Quantity:	1 mg
Target:	AKR1E2
Protein Characteristics:	AA 1-301
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKR1E2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MEKIPVLGLG TWQAAPGEVT EAVKVAIDTG YRHFDCAYLH HNENEVGVGI QAKIDEGVVR REDLFIVSKL WCTCHKKSLV KSACTRSLKA LKLQYLDLYL IHWPMGFKPG EVDLPVDRSG MIVASNTDFL DTWEAMEDLV IEGLVRAIGV SNFNHEQLER LLNKPnlrvk PVTNQIECHP YLTQKKLISF CQSRNVSVTA YRPLGGSSEG VPLLEDPIVQ TIAQKHGKSA AQILIRFQIQ RNVVIPKSV NPKRILENFQ VFDFELSEQD MTDLLGLDRN LRLSAFPIAE NHKDYPFKA E Y
Specificity:	Sus scrofa (Pig)
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:	AKR1E2
Alternative Name:	1,5-anhydro-D-fructose reductase (AKR1E2) ( <a href="#">AKR1E2 Products</a> )
Background:	<p>Recommended name: 1,5-anhydro-D-fructose reductase.</p> <p>Short name= AF reductase.</p> <p>EC= 1.1.1.263.</p> <p>Alternative name(s): Aldo-keto reductase family 1 member C-like protein 2.</p> <p>Short name= Aldo-keto reductase family 1 member CL2 Aldo-keto reductase family 1 member E2</p>
UniProt:	<a href="#">P82125</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 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.