Datasheet for ABIN1477887

ADH4 Protein (AA 1-382) (His tag)

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Overview

Quantity:	1 mg
Target:	ADH4
Protein Characteristics:	AA 1-382
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSVTGFYIP PISFFGEGAL EETADYIKNK DYKKALIVTD PGIAAIGLSG RVQKMLEERD LNVAIYDKTQ PNPNIANVTA GLKVLKEQNS EIVVSIGGGS AHDNAKAIAL LATNGGEIGD YEGVNQSKKA ALPLFAINTT AGTASEMTRF TIISNEEKKI KMAIIDNNVT PAVAVNDPST MFGLPPALTA ATGLDALTHC IEAYVSTASN PITDACALKG IDLINESLVA AYKDGKDKKA RTDMCYAEYL AGMAFNNASL GYVHALAHQL GGFYHLPHGV CNAVLLPHVQ EANMQCPKAK KRLGEIALHF GASQEDPEET IKALHVLNRT MNIPRNLKEL GVKTEDFEIL AEHAMHDACH LTNPVQFTKE QVVAIIKKAY EY
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ADH4
Alternative Name:	Alcohol dehydrogenase 4 (ADH4) (ADH4 Products)
Background:	Recommended name: Alcohol dehydrogenase 4. EC= 1.1.1.1. Alternative name(s): Alcohol dehydrogenase IV. Short name= ADHIV
UniProt:	P10127
Pathways:	Transition Metal Ion Homeostasis

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 modificated 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.