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Datasheet for ABIN1460386  
**MDH1B Protein (AA 1-473) (His tag)**

### Overview

Quantity:	1 mg
Target:	MDH1B
Protein Characteristics:	AA 1-473
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDH1B protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAKFVLAGRA DCPYYAKAEL LADYLQKNLP DFRIHKITQH PDIWEEWLKD LCKKNRWSHN KSPIIWRELL DRGGKGLLLG GYNEFLEHAQ LYYGVTSSMT TELMKRVAQE NLGTHIEKEL EKESLKGLVN PLQVWITSAS SLACYHLIPI LTSGEVFGPQ MEISINLFDN KHTEEKLISH KQEAEDLASP CLQSVSICTQ AEEAFHGAHV IIIIDDHVDK EINSLEDCIR SRAPLCQLYG SLIEKNAHNF AKIIVGGKTF VNLKTALLMK YAPTFAHNII AVALGVEGQA KAALARKLKI TPSCIKDVII WGNISGNNYV DLRKAKVYRY ESAIWGPPHY SRPVLSELLFD REWVNREFVV SLKTLTATGR QFGGMLAAHS IATTLKYWCH GSPPGEIVSL GVLSEGQFGI PKGIVFSMPV KFENGTWVVL TDLKNTEISQ QVMTRMANDL IQEQLVALGE LANFQPYQSE NLI
Specificity:	Bos taurus (Bovine)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: MDH1B

Alternative Name: Putative malate dehydrogenase 1B (MDH1B) ([MDH1B Products](#))

Background: Recommended name: Putative malate dehydrogenase 1B.  
EC= 1.1.1.-

UniProt: [A3KMX7](#)

## Application Details

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**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

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**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.