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## Datasheet for ABIN1461094 HADHB Protein (AA 35-475) (His tag)

### Overview

Quantity:	1 mg
Target:	HADHB
Protein Characteristics:	AA 35-475
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HADHB protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>AAAASQ TSKKTLAKP NIRNIVVDG VRTPFLLSGT SYKDLMPHDL ARAALSGLLH</p> <p>RTSVPKDVVD YIIFGTVIQE VKTSNVAREA ALGAGFSDKT PAHTVTMACI SSNQAMTTAV</p> <p>GLIASGQCDV VVAGGVELMS DIPIRHSRKM RKMMLDLNKA KTLAQRLSII SKFRLNFLSP</p> <p>ELPAVSEFST SETMGHSADR LAAAFASIRE EQDEYALRSH SLAKKAQDEG LLSDVVPFKV</p> <p>PGRDTVTDQN GIRPSSLDQM AKLKPAFIKP YGTVTAANSS FLTDGASAVL IMAEEKALAM</p> <p>GYKPKAYLRD FMYVSQDPKD QLLLGPTYAT PKVLEKAGLT MNDIDVFEFH EAFSGQILAN</p> <p>LKAMDSDWFA QNYMGRKAKV GLPPLEKFNN WGGSLSLGHP FGATGCRLVM AAANRLRKEG</p> <p>GQYGLVAACA AGGQGHAMIV EAYPK</p>
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

Purity: > 90 %

## Target Details

Target: HADHB

Alternative Name: Trifunctional enzyme subunit beta, mitochondrial (HADHB) ([HADHB Products](#))

Background: Recommended name: Trifunctional enzyme subunit beta, mitochondrial.  
Alternative name(s): TP-beta Including the following 1 domains: 3-ketoacyl-CoA thiolase.  
EC= 2.3.1.16.  
Alternative name(s): Acetyl-CoA acyltransferase Beta-ketothiolase

UniProt: [O46629](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## 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 modified 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

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.