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## Datasheet for ABIN1459612 DBT Protein (AA 62-482) (His tag)

### Overview

Quantity:	1 mg
Target:	DBT
Protein Characteristics:	AA 62-482
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DBT protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>GQIVQFKLS DIGEGIREVT VKEWYVKEGD TVSQFDSICE VQSDKASVTI TSTRYDGVIIK</p> <p>LYYNLDDTAY VGKPLVDIET EALKDSEEDV VETPAVSHDE HTHQEIKGQK TLATPAVRRL</p> <p>AMENNIKLS VIGSGKDGRI LKEDILNYLE KQTGAILPPS PKAEIMPPPP KPKDRTIPIP</p> <p>ISKPPVFIGK DRTEPVKGFH KAMVKTMSAA LKIPHFGYCD EVDLTELVKL REELKPIAFA</p> <p>RGIKLSFMPF FLKAASLGLL QFPILNASVD ENCQNITYKA SHNIGIAMDT EQGLIVPNVK</p> <p>NVQIRSIFEI ATELNRLQKL GSAGQLSTND LIGGTFTLSN IGSIGGTYAK PVILPPEVAI GALGTIKALP</p> <p>RFNEKGEVCK AQIMNVSWSA DHRIIDGATV SRFNLWKSYS LENPAFMILLD LK</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.
Purity:	> 90 %

## Target Details

Target:	DBT
Alternative Name:	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial (DBT) ( <a href="#">DBT Products</a> )
Target Type:	Viral Protein
Background:	<p>Recommended name: Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial.</p> <p>EC= 2.3.1.168.</p> <p>Alternative name(s): Branched-chain alpha-keto acid dehydrogenase complex component E2.</p> <p>Short name= BCKAD-E2.</p> <p>Short name= BCKADE2 Dihydrolipoamide acetyltransferase component of branched-chain alpha-keto acid dehydrogenase complex Dihydrolipoamide branched chain transacylase Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase</p>
UniProt:	<a href="#">P11181</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 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.</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

## Handling

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one week

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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.