Datasheet for ABIN1459638

BCKDHA Protein (AA 56-455) (His tag)

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Overview

Quantity:	1 mg
Target:	BCKDHA
Protein Characteristics:	AA 56-455
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCKDHA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSLDD KPQFPGASAE FIDKLEFIQP NVISGIPIYR VMDRQGQIIN PSEDPHLPQE KVLKFYKSMT LLNTMDRILY ESQRQGRISF YMTNYGEEGT HVGSAAALDD TDLVFGQYRE AGVLMYRDYP LELFMAQCYG NVSDLGKGRQ MPVHYGCRER HFVTISSPLA TQIPQAVGAA YAAKRANANR VVICYFGEGA ASEGDAHAGF NFAATLECPI IFFCRNNGYA ISTPTSEQYR GDGIAARGPG YGILSIRVDG NDVFAVYNAT KEARRRAVAE NQPFLIEAMT YRIGHHSTSD DSSAYRSVDE VNYWDKQDHP ISRLRHHLQS RGWWDDEQEK AWRKQSRKKV MEAFEQAERK LKPNPSLIFS DVYQEMPAQL RKQQESLARH LQTYGEHYPL DHFEK
Specificity:	Bos taurus (Bovine)
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:	BCKDHA
Alternative Name:	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial (BCKDHA) (BCKDHA Products)
Background:	Recommended name: 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial. EC= 1.2.4.4. Alternative name(s): Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain. Short name= BCKDE1A. Short name= BCKDH E1-alpha
UniProt:	P11178

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.