Datasheet for ABIN7588964

ACAA2 Protein (AA 1-397) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	ACAA2
Protein Characteristics:	AA 1-397
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACAA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MALLRGVFIV AAKRTPFGAY GGLLKDFTPT DMAEFAARAA LSAGRVSPET VDSVVVGNVM QSSSDAIYLA RHVGLRVGIP KETPAITINR LCGSGFQSIV SGCQEICSRD SEVVLCGGTE SMSQAPYCVR NIRFGTKLGS ELKLEDTLWT GLTDTHVQMP MAITAENLAV KHQISREDCD RYALQSQQRW KTANDAGYFD NEMAPVEVKT RKGKQTMQVD EHPRPQTTME QLNKLPPVFK KEGTVTAGNA SGVSDGAGAV IIASEDAVKK HNFTPLARIV GYFVSGCDPT IMGIGPVPAI SGALKKTGLS LKDMDLVEVN EAFAPQYLAV EKSLNLDPSK TNVNGGAIAL GHPLAGSGSR ITAHLVHELR RRGGKYAVGS ACIGGGQGIA VIIENTA
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:	ACAA2
Alternative Name:	3-ketoacyl-CoA thiolase, mitochondrial (ACAA2) (ACAA2 Products)
Background:	Recommended name: 3-ketoacyl-CoA thiolase, mitochondrial. EC= 2.3.1.16. Alternative name(s): Acetyl-CoA acyltransferase Beta-ketothiolase Mitochondrial 3-oxoacyl-CoA thiolase
UniProt:	Q3T0R7
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 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.