Datasheet for ABIN7583308

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

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Overview

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

Product Details

Sequence:	MALLRGVFIV AAKRTPFGAY GGLLKDFTAT DLTEFAARAA LSAGKVPPET IDSVIVGNVM QSSSDAAYLA RHVGLRVGVP TETGALTLNR LCGSGFQSIV SGCQEICSKD AEVVLCGGTE SMSQSPYSVR NVRFGTKFGL DLKLEDTLWA GLTDQHVKLP MGMTAENLAA KYNISREDCD RYALQSQQRW KAANEAGYFN EEMAPIEVKT KKGKQTMQVD EHARPQTTLE QLQNLPPVFK KEGTVTAGNA SGMSDGAGVV IIASEDAVKK HNFTPLARVV GYFVSGCDPA IMGIGPVPAI TGALKKAGLS LKDMDLIDVN EAFAPQFLAV QKSLDLDPSK TNVSGGAIAL GHPLGGSGSR ITAHLVHELR RRGGKYAVGS ACIGGGQGIS LIIQNTA
Specificity:	Rattus norvegicus (Rat)
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:	P13437
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.