Datasheet for ABIN7590251

ACADSB Protein (AA 34-432) (His tag)

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Overview

Quantity:	100 µg
Target:	ACADSB
Protein Characteristics:	AA 34-432
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACADSB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NSSQSEA QLKATSNGPP LAPLQTFTDE EMMIKSAVKK FAQEQVAPFV SKMDEDSKME KSVIQGLFQQ GLMGIEIDTK YGGTGASFFS SVLVIEELAK VDASVALVCD IQNTLINRMI GKYGTEEQKA TYLPKLATEK ASSICISETG AGSDSFAMKT RADKKGDYYI INGSKMWISS AEIAGLFVVM ANADFSAGYK GITCFLVDGD TEGLHVGKPE NKLGIRASST CPVTFENVKV PKTNILGQVG HGYKYAIGSL NEGRIGIAAQ MLGVAQGCFD YTIPYIKERK QFGRRVFDFQ GLQHQVAHMA TQLEAARLLT YNAARLLEAG RPMIKEASMA KYHASELAGL ITSKCIEWMG GVGYTKSYPV EKYFRDAKIG TIYEGTSNIQ LNTIAKCISA EY
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:	ACADSB
Alternative Name:	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial (ACADSB) (ACADSB Products)
Background:	Recommended name: Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial. Short name= SBCAD. EC= 1.3.99.-. Alternative name(s): 2-methyl branched chain acyl-CoA dehydrogenase. Short name= 2-MEBCAD 2-methylbutyryl-coenzyme A dehydrogenase. Short name= 2-methylbutyryl-CoA dehydrogenase
UniProt:	Q5EAD4
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

Handling

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