Datasheet for ABIN1475697

ACOT1 Protein (AA 2-419) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	ACOT1
Protein Characteristics:	AA 2-419
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EATLSLEPA GRSCWDEPLS ITVRGLVPEQ PVTLRAALRD EKGALFRARA LYRADAHGEL DLARAPALGG SFTGLEPMGL IWAMEPERPF WRLVKRDVQT PFVVELEVLD GHEPDGGRLL ARAVHERHFM APGVRRVPVR EGRVRATLFL PPEPGPFPGI IDLFGVGGGL LEYRASLLAG KGFAVMALAY YNYDDLPKTM ETMRIEYFEE AVNYLRGHPE VKGPGIGLLG ISKGGELGLA MASFLKGITA AVVINGSVAA VGNTICYKDE TIPPVTILRN QVKMTKDGLK DVVDALQSPL VEQKSFIPVE RSDTTFLFLV GQDDHNWKSE FYANEISKRL QAHGKEKPQI ICYPEAGHYI EPPYFPLCSA GMHLLVGANI TFGGEPKPHS VAQLDAWQQL QTFFHKQLGG KSHGVSPKI
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:	ACOT1
Alternative Name:	Acyl-coenzyme A thioesterase 1 (Acot1) (ACOT1 Products)
Background:	Recommended name: Acyl-coenzyme A thioesterase 1. Short name= Acyl-CoA thioesterase 1. EC= 3.1.2.2. Alternative name(s): CTE-I Inducible cytosolic acyl-coenzyme A thioester hydrolase LACH2. Short name= ACH2 Long chain acyl-CoA thioester hydrolase. Short name= Long chain acyl-CoA hydrolase
UniProt:	O88267

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.