

Datasheet for ABIN7591035

ACOT12 Protein (AA 1-556) (His tag)



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Overview

Quantity:	100 µg
Target:	ACOT12
Protein Characteristics:	AA 1-556
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEPTVAPGEV LMSQAIQPAH ADSRGELSAG QLLKWMDTTA CLAAEKHAGI SCVTASMDDI LFEDTARIGQ IVTIRAKVTR AFSTSMEISI KVRVQDKFTG IQKLLCVAFS TFVVKPLGKE KVHLKPVLLQ TEQEQVEHRL ASERRKVRLQ HENTFSNIMK ESNWLRDPVC NEEGTATTM ATSVQSIELV LPPHANHHGN TFGGQIMAWM ETVATISASR LCHGHPFLKS VDMFKFRGPS TVGDRLVFNA IVNNTFQNSV EVGVRVEAFD CREWAEGQGR HINSAFLIYN AVDDQEELIT FPRIQPISKD DFRRYQGAIA RRRIRLGRKY VISHKKEVPL GTQWDISKKG SISNTNVEAL KNLASKSGWE ITTTLEKIKI YTL EEQDAIS VKVEKQVGSP ARVAYHLLSD FTKRPLWDPH YISCEVIDQV SEDDQIYYIT CSVVNGDKPK DFVVLVSQRK PLKDDNTYIV ALMSVVLPSV PPSPQYIRSQ VICAGFLIQP VDSSSCTVAY LNQMDSILP YFAGNIGGWS KSIEEAAASC IKFIENATHD GLKSVL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: ACOT12

Alternative Name: Acyl-coenzyme A thioesterase 12 (Acot12) ([ACOT12 Products](#))

Background: Recommended name: Acyl-coenzyme A thioesterase 12.
Short name= Acyl-CoA thioesterase 12.
EC= 3.1.2.1.
Alternative name(s): Acyl-CoA thioester hydrolase 12 Cytoplasmic acetyl-CoA hydrolase 1.
Short name= CACH-1.
Short name= rACH.
Short name= rCACH-1

UniProt: [Q99NB7](#)

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 modified 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

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.