

Datasheet for ABIN7561284

ACOT12 Protein (AA 1-556) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ACOT12
Protein Characteristics:	AA 1-556
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT12 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Acot12 Protein expressed in mammalien cells.
Sequence:	MESMVAPGEV LMSQAIQPAH ADSRGELSAG QLLKWMDTTA CLAAEKHAGI SCVTASMDDI LFEDTARIGQ IITIRAKVTR AFSTSMEISI KVIVQDKFTG IQKLLCVAFS TFAKPVGKE KVHLKPVLLQ TEQEQVEHNL ASERRKVRLQ HENTFNNIMK ESSRFSDSIC NEEEGTATTM GTSVQSIELV LPPHANHHGN TFGGQIMAWM ETVATISASR LCHGHPFLKS VDMFKFRGSPS TVGDRLVFSA IVNNTFQNSV EVGVRVEAFD CQEWAEGQGR HINSAFLIYN AVDDQEKLIT FPRIQPISKD DFRRYQGAIA RRRIRLGRKY VISHKKEVPL SAQWDISKKG SLSNTNVEAL KNLASKSGWE ITTTLEKIKI YTL EEQDAIS VKVEKLVGSP AHIAYHLLSD LTKRPLWDPH YISCEVIDQV SEDDQIYYIT CSVVNGDKPK DFWVLVSRK PLKDNNTYTV ALRSVVLPSV PSSPQYIRSE VICAGFLIQA VDSNSCTVTV LNQMDSILP YFAGNIGGWS KSIEEAAASC IKFIENATPD GLKSVL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

ACOT12

Alternative Name:

Acot12 ([ACOT12 Products](#))

Background:

Acetyl-coenzyme A thioesterase (EC 3.1.2.1) (Acyl-CoA thioester hydrolase 12) (Acyl-coenzyme A thioesterase 12) (Acyl-CoA thioesterase 12) (Cytoplasmic acetyl-CoA hydrolase 1) (CACH-1) (mCACH-1),FUNCTION: Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels. Preferentially hydrolyzes acetyl-CoA. {ECO:0000250|UniProtKB:Q8WYK0}.

Molecular Weight:

61.8 kDa

UniProt:

[Q9DBK0](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months