

Datasheet for ABIN7561801  
**ACOT3 Protein (AA 1-432) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ACOT3
Protein Characteristics:	AA 1-432
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Acot3 Protein expressed in mammalien cells.
Sequence:	MHAFTTQNPV RMAPTVILEP AGGCLCDQPV HIAVRGLAPE QPVTLRSVLR DEKGALFRAH ARYRADSHGE LDLARTPALG GSFSGLEPMG LLWAMEPDRP FWRLIKRDVQ TPFVVELEVL DGHEPDGGQR LARAVHERHF MAPGVRRVPV REGRVRATLF LPPGTGPFPV IIDLFGIGSG LLEYRASLLA GKGFVAMALA YNNYEDLPKD MDIIHLEYFE EAVTYLLSHP QVTGSGVGVL GISKGGELGF AMASFLKNIT AAVIINGSIS NIGGNLQYKD ETVPSVGINT KRVKRTKDGL KDIVDLLNNP LEGPDQKSLI PVERSDTAFL FLVGQDDHNW KSEFYAREAS KRLQAHGKEK PQIICYPETG HHIIPPYFPL CKASLNSLVG GPVIWGGEPV AHAMAQVDAW QQLQTFHNNH LDGKKKTIPA KL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Characteristics:	Key Benefits:

## Product Details

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- 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.

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

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Grade: custom-made

## Target Details

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Target: ACOT3

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Alternative Name: Acot3 ([ACOT3 Products](#))

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Background: Acyl-coenzyme A thioesterase 3 (Acyl-CoA thioesterase 3) (EC 3.1.2.2) (PTE-Ia) (Peroxisomal acyl-coenzyme A thioester hydrolase 2a) (Peroxisomal long-chain acyl-CoA thioesterase 2),FUNCTION: Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels (PubMed:15007068, PubMed:16940157). Mainly active on long-chain acyl-CoAs (PubMed:15007068, PubMed:16940157). May have a function in termination of beta-oxidation of fatty acids (PubMed:16940157). {ECO:0000269|PubMed:15007068, ECO:0000269|PubMed:16940157}.

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Molecular Weight: 47.5 kDa

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UniProt: [Q9QYR7](#)

## Application Details

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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

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## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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