

Datasheet for ABIN7559931  
**ACOT11 Protein (AA 1-594) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ACOT11
Protein Characteristics:	AA 1-594
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT11 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Acot11 Protein expressed in mammalien cells.
Sequence:	MIQNVGNHLR RGFASMFSNR TSRKSISHPE SGDPPTMAEG EGYRNPTEVQ MSQLVLPCHT NHRGELSIGQ LLKWIDTTAC LSAERHAGCP CVTASMDDIY FDHTISVGQV VNIKAKVNRA FNSSMEVGIQ VVSEDLCEK QWSVCKALAT FVAHRELSKV KLKQVIPLTE EEKTEHGVA ERRRMRLVYA DTIKDLLTHC VIQDDLKDC SNMVPAEKTR VESVELVLP HANHQGNTFG GQIMAWMENV ATIAASRLCH AHPTLKAIE M FHRGPSQVG DRLVLKAI V NAFKHSMEVG VCVEAYRQEA ETQRRHINSA FMTFVVLDDK DQPQKLPWIR PPGEGERRY REASARKKIR LDRKYLVSCK QAEVALSVPW DPSNQVYLSY YNVSSLK TLM AKDNWVLSVE ISEVRLYILE EDFLSFHLEM VVNVDAQVF QLLSDLRRRP EWDKHYRSVE LVQQVDEDDA IYHVISPALS GNTKPDQFVI LASRRKPCDN GDPYVIALRS VTLPTHHETP EYQRGETLCS GFCLWREGDQ MTKVSYYNQA TPGFLNYVTT NVSGLSSEFY NTFKACESFL LDNRNDLAPS LQTL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</b>

**system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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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.

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Purity:

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

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Grade:

custom-made

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## Target Details

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Target:

ACOT11

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Alternative Name:

Acot11 ([ACOT11 Products](#))

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Background:

Acyl-coenzyme A thioesterase 11 (Acyl-CoA thioesterase 11) (EC 3.1.2.-) (Acyl-CoA thioester hydrolase 11) (Adipose-associated thioesterase) (Brown fat-inducible thioesterase) (BFIT) (Palmitoyl-coenzyme A thioesterase) (EC 3.1.2.2),FUNCTION: Has an acyl-CoA thioesterase activity with a preference for the long chain fatty acyl-CoA thioesters hexadecanoyl-CoA/palmitoyl-CoA and tetradecanoyl-CoA/myristoyl-CoA which are the main substrates in the mitochondrial beta-oxidation pathway. {ECO:0000250|UniProtKB:Q8WXI4}.

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Molecular Weight:

67.4 kDa

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UniProt:

[Q8VHQ9](#)

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## 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 guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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