

Datasheet for ABIN7551897
ACOT12 Protein (AA 1-555) (His tag)



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Overview

Quantity:	1 mg
Target:	ACOT12
Protein Characteristics:	AA 1-555
Origin:	Human
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 mammalian cells.
Sequence:	MERPAPGEVV MSQAIQPAHA TARGELSAGQ LLKWIDTTAC LAAEKHAGVS CVTASVDDIQ FEETARVGQV ITIKAKVTRA FSTSMEISIK VMVQDMLTGI EKLVSFAFST FVAKPVGKEK IHLKPVTLT EQDHVEHNLA AERRKVRLQH EDTFNNLMKE SSKFDDLIFD EEEGAVSTRG TSVQSIELVL PPHANHHGNT FGGQIMAWME TVATISASRL CWAHPFLKSV DMFKFRGPST VGDRLVFTAI VNNTFQTCVE VGVVVEAFDC QEWAEGRGRH INSAFLIYNA ADDKENLITF PRIQPISKDD FRRYRGAJAR KRIRLGRKYV ISHKEEVPLC IHWDISKQAS LSDSNVEALK KLAAKRGWEV TSTVEKIKIY TLEEHDVLSV WVEKHVGSPA HLAYRLLSDF TKRPLWDPHF VSCEVIDWVS EDDQLYHITC PILNDDKPKD LVVLVSRKPK LKDGNTYTVA VKSVILPSVP PSPQYIRSEI ICAGFLIHAI DSNSCIVSYF NHMSASILPY FAGNLGGWSK SIEETAASCI QFLENPPDDG FVSTF 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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).
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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
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Grade:	custom-made
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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) (hCACH-1) (START domain-containing protein 15) (StARD15),FUNCTION: Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels (PubMed:16951743). Preferentially hydrolyzes acetyl-CoA (PubMed:16951743). {ECO:0000269 PubMed:16951743}.
Molecular Weight:	62.0 kDa
UniProt:	Q8WYK0

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a 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
