

Datasheet for ABIN7557028
ACOT6 Protein (AA 1-419) (His tag)



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Overview

Quantity:	1 mg
Target:	ACOT6
Protein Characteristics:	AA 1-419
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACOT6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Acot6 Protein expressed in mammalien cells.
Sequence:	<p>MAATLSVEPA GRSCWDEPLS IAVRGLAPEQ PVTLRVLRD EKGMLFRAHA RYRADSHGEL DLARTPALGG SFSGLEPMGL LWAMEPDRPF WRLIKRDVQI PFVVELEVLD GHEPDGGQRL ARAVHERHFM APGVRRVPVR EGRVRATLFL PPGKGQFPGI IDLYGSIGGL CEHRASLLAG HGFAVLALAY FQFEDLPENL SDVRLEYFEE ALALMLRHPQ VKGPNIGLIG VSKGADLCLS MAAFLKDNIT ATVLINACVA NTLVPLYKDY LFPVPELGCDQ TKNKSGLM DL RDMWNNPLEE PNHQSLIPLE KAQGPFLFLV GMDDHNWKS D VYARIACERL QAHGKDRPQI IYYPETGHCI EPPYFPPPIA TVHFVLGEAV FNGGKPRAQS RAQLDAWQRI QTFQKYLNG EKPARH SKL</p> <p>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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ACOT6
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Alternative Name:	Acot6 (ACOT6 Products)
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Background:	Acyl-coenzyme A thioesterase 6 (Acyl-CoA thioesterase 6) (EC 3.1.2.-),FUNCTION: Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels. Catalyzes the hydrolysis of phytanoyl-CoA and pristanoyl-CoA, two methyl-branched fatty acids derived from phytol, that enter the body via the diet. {ECO:0000269 PubMed:17613526}.
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Molecular Weight:	46.8 kDa
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UniProt:	Q32Q92
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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 guarantee though.
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Restrictions:	For Research Use only
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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