

Datasheet for ABIN7551856
ACOT11 Protein (AA 1-607) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ACOT11 |
| Protein Characteristics: | AA 1-607 |
| Origin: | Human |
| 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 mammalian cells. |
| Sequence: | MIQNVGNHLR RGLASVFSNR TSRKSALRAG NDSAMADGEG YRNPTEVQMS QLVLPCHTNQ RGELSVGQLL KWIDTTACLS AERHAGCPCV TASMDDIYFE HTISVGQVVN IKAKVNRAFN SSMEVGQVA SEDLCSEKQW NVCKALATFV ARREITKVKL KQITPRTEEE KMEHSVAAER RRMRLVYADT IKDLLANCAI QGDLESRDCE RMVPAEKTRV ESVELVLPPH ANHQGNTFFGG QIMAWMENVA TIAASRLCRA HPTLKAIEFM HFRGPSQVGD RLVLKAVNN AFKHSMEVGV CVEAYRQEA E THRRHINS AF MTFVVL DADD QPQLLPWIRP QPGDGERRYR EASARKKIRL DRKYIVSCKQ TEVPLSVPWD PSNQVYLSYN NVSSLKMLVA KDNWVLSSEI SQVRLYTLED DKFLSFHMEM VHVDAQA F LLLSDLRQRP EWDKHYRSVE LVQQVDEDDA IYHVTSPALG GHTKPDQFVI LASRRKPCDN GDPYVIALRS VTLPTHRETP EYRRGETLCS GFCLWREGDQ LTKCCWVRVS LTELVSASGF YSWGLESRSK GRRSDGWNGK LAGGHLSTLK AIPVAKINSR FGYLQDT Sequence without tag. The proposed Purification-Tag is based on experiences |

Product Details

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.

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:

ACOT11

Alternative Name:

ACOT11 ([ACOT11 Products](#))

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:0000269|PubMed:22897136}.

Molecular Weight:

68.5 kDa

UniProt:

[Q8WXI4](#)

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.

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
