

Datasheet for ABIN7551923
ACAD11 Protein (AA 1-780) (His tag)



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Overview

Quantity:	1 mg
Target:	ACAD11
Protein Characteristics:	AA 1-780
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACAD11 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ACAD11 Protein expressed in mammalian cells.
Sequence:	MKPGATGESD LAEVLQHKF DSKSLEAYLN QHLSGFGAER EATLTIAQYR AGKSNPTFYL QKGFQTYVLR KKPPGSLLPK AHQIDREFKV QKALFSIGFP VPKPILYCSD TSVIGTEFYV MEHVQGRIFR DLTIPGLSPA ERSAYVATV ETLAQLHSLN IQSLQLEGYG IGAGYCKRQV STWTKQYQAA AHQDIPAMQQ LSEWLMKNLP DNDNEENLIH GDFRLDNIVF HPKECRVI LDWELSTIGH PLSDLAHFSL FYFWPRTVPM INQGSYSSENS GIPSMEEELIS IYCRCRGINS ILPNWNFFLA LSYFKMAGIA QGVYSRYLLG NNSSEDSFLF ANIVQPLAET GLQLSKRTFS TVLPQIDTTG QLFVQTRKGQ EVLIKVKHFM KQHILPAEKE VTEFYVQENEN SVDKWKGKPLV IDKLEMAKV EGLWNLFLPA VSGLSHVDYA LIAEETGKCF FAPDVFNCQA PDTGNMEVLH LYGSEEQKKQ WLEPLLQGNI TSCFCMTEPD VASSDATNIE CSIQRDEDSY VINGKKWWSS GAGNPKCKIA IVLGRTQNTS LSRHKQHSMI LVPMNTPGVK IIRPLSVFGY TDNFHGGHFE IHFNQVRVPA TNLILGEGRG FEISQGRLLGP GRIHHC MRTV GLAERALQIM CERATQRIAF KKKLYAHEVV AHWIAESRIA IEKIRLLTLK AAHSMDTLGS AGAKKEIAMI KVAAPRAVSK

Product Details

IVDWAIQVCG GAGVSQDYPL ANMYAITRVL RLADGPDEVH LSAIATMELR DQAKRLTAKI

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ACAD11

Alternative Name: ACAD11 ([ACAD11 Products](#))

Background: Acyl-CoA dehydrogenase family member 11 (ACAD-11) (EC 1.3.8.-),FUNCTION: Acyl-CoA dehydrogenase, that exhibits maximal activity towards saturated C22-CoA (PubMed:21237683). Probably participates in beta-oxydation and energy production but could also play a role in the metabolism of specific fatty acids to control fatty acids composition of cellular lipids in brain (Probable). {ECO:0000269|PubMed:21237683, ECO:0000305|PubMed:21237683}.

Target Details

Molecular Weight:	87.3 kDa
UniProt:	Q709F0
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	We expect the protein to work for functional studies. 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