

Datasheet for ABIN7551801

**ACAD10 Protein (AA 1-1059) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ACAD10
Protein Characteristics:	AA 1-1059
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACAD10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ACAD10 Protein expressed in mammalian cells.
Sequence:	MCVRSCFQSP RLQVWVRTAF LKHTQRRHQG SHRWTHLGGG TYRAVIFDMG GVLIPSPGRV AAEWEVQNRI PSGTILKALM EGGENGWPMR FMRAEITAEG FLREFGRLCS EMLKTSVPVD SFFSLLTSEK VAKQFPVMTE AITQIRAKGL QTAVLSNNFY LPNQKSFLPL DRKQFDVIVE SCMEGICKPD PRIYKLCLEQ LGLQPSESI LDDLGTNLKE AARLGIHTIK VNDPETAVKE LEALLGFTLR VGVPNTRPVK KTMEIPKDSL QKYLKDLLGI QTTGPLELLQ FDHGQSNPTY YIRLANRDLV LRKKPPGTLL PSAHAIEREF RIMKALANAG VPVPNVLDLC EDSSVIGTPF YVMEYCPLI YKDPSPGLE PSHRRAIYA MNTVLCKIHS VDLQAVGLED YGKQGDYIPR QVRTWVKQYR ASETSTIPAM ERLIEWLPLH LPRQQRRTTVV HGDFRLDNLV FHPEEPEVLA VLDWELSTLG DPLADVAYSC LAHYLPSSFP VLRGINDCDL TQLGIPAAEE YFRMYCLQMG LPPTENWNFY MAFSFFRVAA ILQGVYKRS L TGQASSTYAE QTGKLTEFVS NLAWDFAVKE GFRVFKEMPF TNPLTRSYHT WARPQSQWCP TGSRSYSSVP EASPAHTSRG GLVISPELSL PPVRELYHRL KHFMEQRVYP AEPELQSHQA SAARWSPSPL IEDLKEKAKA EGLWNLFLPL

## Product Details

EADPEKKYGA GLTNVEY AHL CELMGTSLYA PEVCNCSAPD TGNMELLVRY GTEAQKARWL  
IPLLEGKARS CFAMTEPQVA SSDATNIEAS IREEDSFYVI NGHKKWWITGI LDPRCQLCVF  
MGKTDPHAPR HRQQSVLLVP MDTPGIKIR PLTVYGLEDA PGGHGFEVRFE HVRVPKENMV  
LGPGRGFEIA QGRLGPGRIH HCMRLIGFSE RALALMKARV KSRLAFGKPL VEQGTVLADI  
AQRSVEIEQA RLLVLRAAHL MDLAGNKAAA LDIAIKMVA PSMASRVIDR AIQAFGAAGL  
SSDYPLAQFF TWARALRFAD GPDEVHRATV AKLELKHRI **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:** ACAD10

**Alternative Name:** ACAD10 ([ACAD10 Products](#))

**Background:** Acyl-CoA dehydrogenase family member 10 (ACAD-10) (EC 1.3.99.-),FUNCTION: Acyl-CoA dehydrogenase only active with R- and S-2-methyl-C15-CoA.

## Target Details

	{ECO:0000269 PubMed:21237683}.
Molecular Weight:	118.8 kDa
UniProt:	<a href="#">Q6JQN1</a>

## 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