

Datasheet for ABIN7564646

## ACAD10 Protein (AA 1-1069) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	ACAD10
Protein Characteristics:	AA 1-1069
Origin:	Mouse
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:	<p>MLVRRLFQPS TLHWAWRTTA LNHPLGRHQG GLRWTHSGGR SYRAVIFDTG GVLVPSPGTV</p> <p>AVGWEVQNHV PSGTIVKAFI RGGDSGPWIR FIKGEITTEH FLEEFGR LCS EIAKTSVPVS</p> <p>SYFSLTSEQ VTKQFPVMTQ AISQIRAKGL QTAVLTNNFH LSSGESFLPL DRKQFDVVVE</p> <p>SCLEGICKPD PRIFQLCLQR LSLQPSEAF LDDLGSNLKV AASLGIHTIK VDRPETAVKE</p> <p>LEALLGFPLH LGVPNTRPVR KTMAIPQDAL EKYLKGLLGT HSTGPMELLQ FDHGQSNPTY</p> <p>YIRLADRQLV LRKKPSGTLL PSAHAIEREF RIMKALANAG VVPVTVLDLC EDSSIIGTPF</p> <p>YLMEYCPGII YKDPSLPGLE PSRREAIYTA MNQVLCRIHS VDLQATSLDS FGKQGDYIPR</p> <p>QVQTWTKQYR AAETSSIPAM ERLIQWLPLH LPRQQRRTTLV HGDFRLDNLI FHPEKAEVLA</p> <p>VLDWELSTLG DPFADVAYSC LAYYLPSSFP ILRGFRDQDV TKLGIPTVEE YFRMYCLNMG</p> <p>IPPIDNWNFY MAFSFFRVAA ILQGVYKRS L TGQASSATAQ QSGKLTESMA ELAWDFATKE</p> <p>GFRVFKEMPA TKTLRSYHA WAGPRSPRTP KGVRGHSTVA AASPSHEAKG GLVISPEGLS</p> <p>PAVRKLYEQL VQFIEQKVYP LEPELQRHQA SADRWSPSPL IEDLKEKAKA EGLWNFLPL</p>

## Product Details

ETDPEKKYGA GLTNVEY AHL CEVMGMSLYA SEIFNCSAPD TGNMEILVRY GTEEQKARWL  
VPLLEGRIRS CFAMTEPQVA SSDASNIEAS IKEEDGCYVI NGHKKWWTSGI LDPRCKLCVF  
MGKTDQPQAPR HQQQSMLLVP MDSPGITVIR PLSVFGLED PGGHGEVRFK DVRVPKENIL  
LGPGRGFEIA QGRLGPGR IH HCMRLIGYSE RALALMKTRV MSRTAFGKPL VEQGTILADI  
ARSRVEIEQA RLLVLKAAHL MDVAGNKTAA LDIA MIKMVV PSMAYHVIDR AIQAFGAAGL  
SSDYPLAQFF GVARALRFAD GPDEVHQLTV AKMELKNQSR MQEPAVPRV **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. {ECO:0000250}.

## Target Details

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Molecular Weight: 119.0 kDa

UniProt: [Q8K370](#)

## Application Details

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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

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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