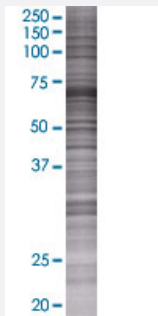


# ACADVL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000037-T01

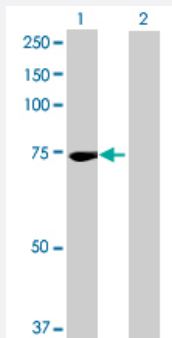
Size 100 uL

## Applications



### SDS-PAGE Gel

ACADVL transfected lysate.



### Western Blot

Lane 1: ACADVL transfected lysate ( 72.16 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACADVL full-length
Host	Human
Theoretical MW (kDa)	72.16
Interspecies Antigen Sequence	Mouse (84); Rat (85)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-ACADVL antibody ([H00000037-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ACADVL transfected lysate.  
Western Blot  
Lane 1: ACADVL transfected lysate ( 72.16 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — ACADVL

**Entrez GeneID**[37](#)**GeneBank Accession#**[NM\\_000018.2](#)**Protein Accession#**[NP\\_000009.1](#)**Gene Name**

ACADVL

**Gene Alias**

ACAD6, LCACD, VLCAD

**Gene Description**

acyl-Coenzyme A dehydrogenase, very long chain

**Omim ID**[201475 609575](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations**

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## Pathway

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)