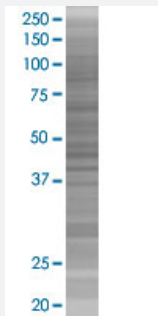


ACADS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000035-T02

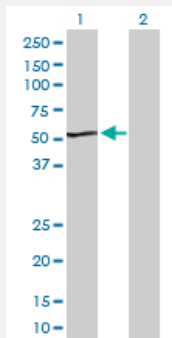
Size 100 uL

Applications



SDS-PAGE Gel

ACADS transfected lysate.



Western Blot

Lane 1: ACADS transfected lysate (44.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACADS full-length
Host	Human
Theoretical MW (kDa)	44.3
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACADS antibody ([H00000035-D01P](#)) by Western Blots.
SDS-PAGE Gel
ACADS transfected lysate.
Western Blot
Lane 1: ACADS transfected lysate (44.30 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 — ACADS

Entrez GeneID[35](#)**GeneBank Accession#**[BC025963.1](#)**Protein Accession#**[AAH25963.1](#)**Gene Name**

ACADS

Gene Alias

ACAD3, SCAD

Gene Description

acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain

Omim ID[201470 606885](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. [provided by RefSeq]

Other Designations

butyryl-CoA dehydrogenase|short chain acyl-CoA dehydrogenase|unsaturated acyl-CoA reductase

Pathway

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

Disease

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Lipid Metabolism](#)