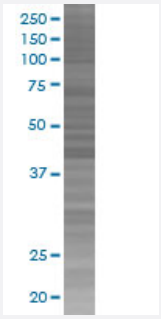
ACADM 293T Cell Transient Overexpression Lysate(Denatured)

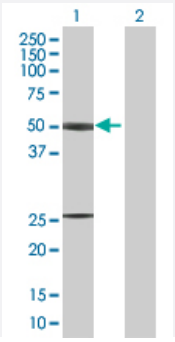
Catalog # H00000034-T01 Size 100 uL

Applications



SDS-PAGE Gel

ACADM transfected lysate.



Western Blot

Lane 1: ACADM transfected lysate (46.6 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACADM full-length
Host	Human
Theoretical MW (kDa)	46.6
Interspecies Antigen Sequence	Mouse (87); Rat (86)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ACADM antibody (H00000034-B01) by Western Blots. SDS-PAGE Gel ACADM transfected lysate. Western Blot Lane 1: ACADM transfected lysate (46.6 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 — ACADM

Entrez GeneID	34
GeneBank Accession#	NM_000016.2
Protein Accession#	-
Gene Name	ACADM
Gene Alias	ACAD1, FLJ18227, FLJ93013, FLJ99884, MCAD, MCADH
Gene Description	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain
Omim ID	201450 607008
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000011345|medium-chain specific acyl-CoA dehydrogenase

Pathway

- beta-Alanine metabolism
- Fatty acid metabolism
- Metabolic pathways
- PPAR signaling pathway
- Propanoate metabolism
- Valine

Disease

- Cardiovascular Diseases
- Death
- Deficiency Diseases
- Diabetes Mellitus
- Edema
- Epilepsy
- Genetic Predisposition to Disease
- Hypoglycemia
- Lipid Metabolism
- Metabolism
- Seizures
- Sleep Stages