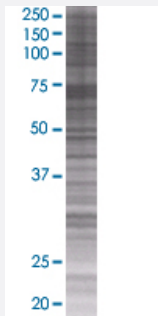


ACSS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084532-T01

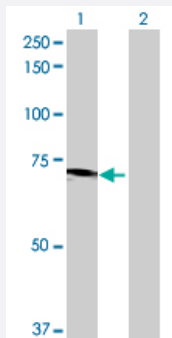
Size 100 uL

Applications



SDS-PAGE Gel

ACSS1 transfected lysate.



Western Blot

Lane 1: ACSS1 transfected lysate (75.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACSS1 full-length
Host	Human
Theoretical MW (kDa)	75.9
Interspecies Antigen Sequence	Mouse (87); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACSS1 antibody ([H00084532-B01](#)) by Western Blots.
SDS-PAGE Gel
ACSS1 transfected lysate.
Western Blot
Lane 1: ACSS1 transfected lysate (75.9 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 — ACSS1

Entrez GeneID

[84532](#)

GeneBank Accession#

[BC039261.1](#)

Protein Accession#

[AAH39261.1](#)

Gene Name

ACSS1

Gene Alias

ACAS2L, AceCS2L, FLJ45659, MGC33843

Gene Description

acyl-CoA synthetase short-chain family member 1

Gene Ontology

[Hyperlink](#)

Gene Summary

An acetyl-CoA synthetase found in the mitochondrial matrix has been characterized in both cow and mouse. It is primarily a cardiac enzyme which produces acetyl-CoA mainly for the oxidation of acetate. The protein encoded by this gene is structurally similar to the cow and mouse proteins and therefore may serve a similar function in humans. [provided by RefSeq]

Other Designations

OTTHUMP00000030466|OTTHUMP00000030470|OTTHUMP00000030471|OTTHUMP00000030472|acetyl-Coenzyme A synthetase 2 (AMP forming)-like

Pathway

- [Glycolysis / Gluconeogenesis](#)

- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Reductive carboxylate cycle \(CO₂ fixation\)](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)