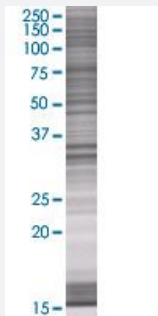


HADHSC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003033-T01

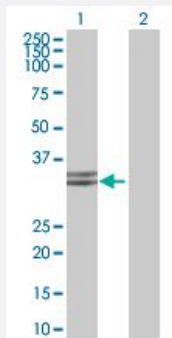
Size 100 uL

Applications



SDS-PAGE Gel

HADH transfected lysate.



Western Blot

Lane 1: HADH transfected lysate (34.65 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HADHSC full-length
Host	Human
Theoretical MW (kDa)	34.65
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HADHSC antibody ([H00003033-B01](#)) by Western Blots.
 SDS-PAGE Gel
 HADH transfected lysate.
 Western Blot
 Lane 1: HADH transfected lysate (34.65 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 — HADH

Entrez GeneID

[3033](#)

GeneBank Accession#

[BC000306.2](#)

Protein Accession#

[AAH00306.1](#)

Gene Name

HADH

Gene Alias

HAD, HADH1, HADHSC, HHF4, M/SCHAD, MGC8392, SCHAD

Gene Description

hydroxyacyl-Coenzyme A dehydrogenase

Omim ID

[231530 601609 609975](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene. [provided by RefSeq]

Other Designations

L-3-hydroxyacyl-Coenzyme A dehydrogenase|L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain

Pathway

- [Butanoate metabolism](#)
- [Caprolactam degradation](#)
- [Fatty acid elongation in mitochondria](#)
- [Fatty acid metabolism](#)
- [Geraniol degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Alcoholism](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperinsulinism](#)