



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HADHSC 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003033-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

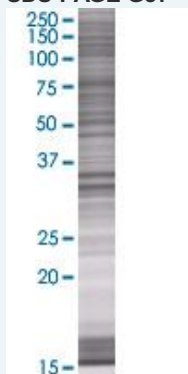
**Plasmid:** pCMV-HADHSC full-length

**Host:** Human

**Theoretical MW (kDa):** 34.65

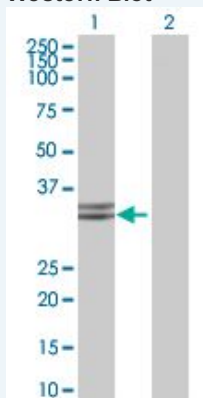
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-HADHSC antibody ([H00003033-B01](#)) by Western Blots.

#### 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.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [3033](#)

GeneBank [BC000306.2](#)  
Accession#:

Protein [AAH00306.1](#)  
Accession#:

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

### Gene Pathway

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

### Related Disease

[Alcoholism](#) [Diabetes Mellitus, Type 2](#) [Genetic Predisposition to Disease](#) [Hyperinsulinism](#)

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