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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ECHS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001892-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

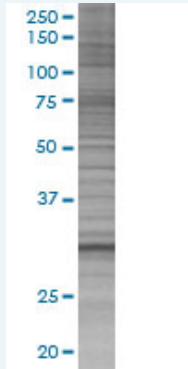
Plasmid: pCMV-ECHS1 full-length

Host: Human

Theoretical MW (kDa): 32.01

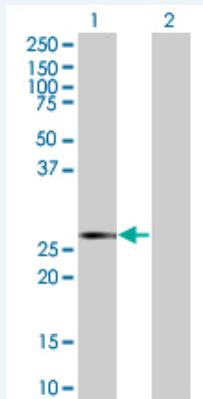
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ECHS1 antibody ([H00001892-B01](#)) by Western Blots.

SDS-PAGE Gel



ECHS1 transfected lysate.

Western Blot



Lane 1: ECHS1 transfected lysate (32.01 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [1892](#)

GeneBank Accession#: [NM_004092.2](#)

Protein Accession#: =

Gene Name: ECHS1

Gene Alias: SCEH

Gene Description: enoyl Coenzyme A hydratase, short chain, 1, mitochondrial

Omim ID: [602292](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. The gene product is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. [provided by RefSeq]

Other Designations: OTTHUMP00000020811, mitochondrial short-chain enoyl-coenzyme A hydratase 1

Gene Pathway

[Benzoate degradation via CoA ligation](#) [beta-Alanine metabolism](#) [Butanoate metabolism](#)
[Caprolactam degradation](#) [Fatty acid elongation in mitochondria](#) [Fatty acid metabolism](#)
[Limonene and pinene degradation](#) [Lysine degradation](#) [Metabolic pathways](#)
[Propanoate metabolism](#) [Tryptophan metabolism](#)
[Valine, leucine and isoleucine degradation](#)

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