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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ECH1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001891-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

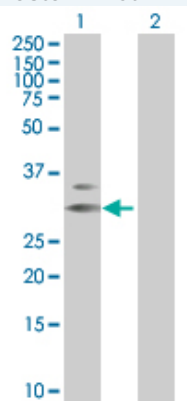
Plasmid: pCMV-ECH1 full-length

Host: Human

Theoretical MW (kDa): 36.19

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ECH1 antibody (H00001891-B01) by Western Blots.

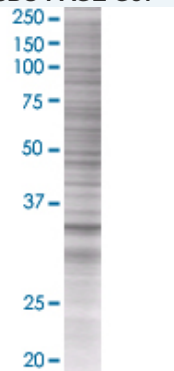
Western Blot



Lane 1: ECH1 transfected lysate (35.8 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



ECH1 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: [1891](#)

GeneBank Accession#: [NM_001398.2](#)

Protein Accession#: =

Gene Name: ECH1

Gene Alias: HPXEL

Gene Description: enoyl Coenzyme A hydratase 1, peroxisomal

Omim ID: [600696](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the hydratase/isomerase superfamily. The gene product shows high sequence similarity to enoyl-coenzyme A (CoA) hydratases of several species, particularly within a conserved domain characteristic of these proteins. The encoded protein, which contains a C-terminal peroxisomal targeting sequence, localizes to the peroxisome. The rat ortholog, which localizes to the matrix of both the peroxisome and mitochondria, can isomerize 3-trans,5-cis-dienoyl-CoA to 2-trans,4-trans-dienoyl-CoA, indicating that it is a delta3,5-delta2,4-dienoyl-CoA isomerase. This enzyme functions in the auxiliary step of the fatty acid beta-oxidation pathway. Expression of the rat gene is induced by peroxisome proliferators. [provided by RefSeq]

Other Designations: delta3,5-delta2,4-dienoyl-CoA isomerase,dienoyl-CoA isomerase,peroxisomal enoyl-CoA hydratase 1,peroxisomal enoyl-coenzyme A hydratase-like protein

Gene Pathway

[Tyrosine metabolism](#)