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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HADHB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003032-T02

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

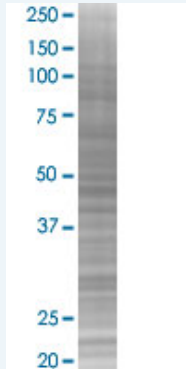
Plasmid: pCMV-HADHB full-length

Host: Human

Theoretical MW (kDa): 51.3

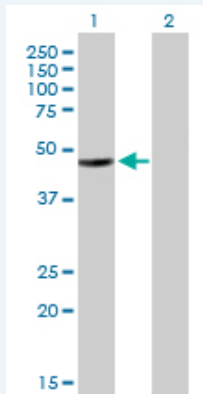
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-HADHB antibody ([H00003032-B01P](#)) by Western Blots.

SDS-PAGE Gel



HADHB transfected lysate.

Western Blot



Lane 1: HADHB transfected lysate (51.30 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: [3032](#)

GeneBank Accession#: [NM_000183.2](#)

Protein Accession#: [NP_000174.1](#)

Gene Name: HADHB

Gene Alias: ECHB,MGC87480,MSTP029,TP-BETA

Gene Description: hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit

Omim ID: [143450](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the beta subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the beta subunit catalyzing the 3-ketoacyl-CoA thiolase activity. Mutations in this gene result in trifunctional protein deficiency. The encoded protein can also bind RNA and decreases the stability of some mRNAs. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. Alternatively spliced transcript variants have been found; however, their full-length nature is not known. [provided by RefSeq]

Other Designations: 2-enoyl-Coenzyme A (CoA) hydratase, beta subunit,3-ketoacyl-Coenzyme A (CoA) thiolase of mitochondrial trifunctional protein, beta subunit,acetyl-CoA acyltransferase,beta-ketothiolase,hydroxyacyl-Coenzyme A (CoA) dehydrogenase, beta subunit,mitochondrial

Gene Pathway

[Fatty acid elongation in mitochondria](#) [Fatty acid metabolism](#) [Metabolic pathways](#)
[Valine, leucine and isoleucine degradation](#)

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