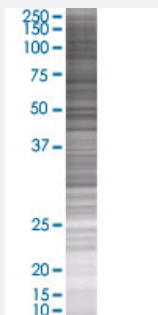


HADHB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003032-T01

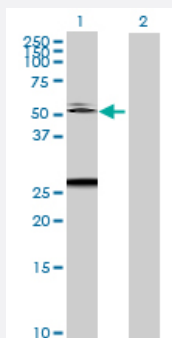
Size 100 uL

Applications



SDS-PAGE Gel

HADHB transfected lysate.



Western Blot

Lane 1: HADHB transfected lysate (52.25 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HADHB full-length
Host	Human
Theoretical MW (kDa)	52.25
Quality Control Testing	<p>Transient overexpression cell lysate was tested with Anti-HADHB antibody (H00003032-B01) by Western Blots.</p> <p>SDS-PAGE Gel</p> <p>HADHB transfected lysate.</p> <p>Western Blot</p> <p>Lane 1: HADHB transfected lysate (52.25 KDa)</p> <p>Lane 2: Non-transfected lysate.</p>

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 — HADHB

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

Pathway

- [Fatty acid elongation in mitochondria](#)

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [Valine](#)