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- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HADHA 293T Cell Transient Overexpression Lysate(Denatured)

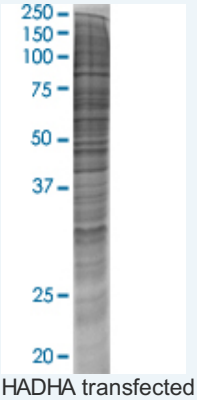
Catalog # : H00003030-T01 **規格 :** [100 uL]

List All

Specification

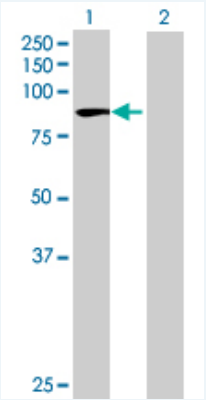
Transfected Cell Line:	293T
Plasmid:	pCMV-HADHA full-length
Host:	Human
Theoretical MW (kDa):	84.04
Quality Control Testing:	Transient overexpression cell lysate was tested with Anti-HADHA antibody (H00003030-B01) by Western Blots.

SDS-PAGE Gel



HADHA transfected lysate.

Western Blot



Lane 1: HADHA transfected lysate (84.04 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:	3030
GeneBank Accession#:	NM_000182.4
Protein Accession#:	NP_000173.2
Gene Name:	HADHA
Gene Alias:	ECHA,GBP,HADH,LCHAD,MGC1728,MTPA,TP-ALPHA
Gene Description:	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit
Omim ID:	600890
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes the alpha 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 alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. 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. [provided by RefSeq
Other Designations:	3-ketoacyl-Coenzyme A (CoA) thiolase, alpha subunit,3-oxoacyl-CoA thiolase,78 kDa gastrin-binding protein,OTTHUMP00000122457,mitochondrial long-chain 2-enoyl-Coenzyme A (CoA) hydratase, alpha subunit,mitochondrial long-chain L-3-hydroxyacyl-Coenzyme A (Co

Gene Pathway

Benzoate degradation via CoA ligation beta-Alanine metabolism
Biosynthesis of unsaturated fatty acids 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

Related Disease

Fatty Liver Fetal Diseases Genetic Predisposition to Disease HELLP Syndrome
Lung Neoplasms Metabolism, Inborn Errors Obesity Pre-Eclampsia
Pregnancy Complications Prostatic Neoplasms Pulmonary Disease, Chronic Obstructive
Urinary Bladder Neoplasms Werner syndrome