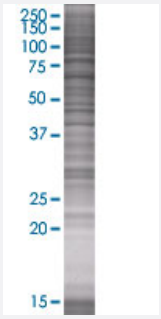
DLAT 293T Cell Transient Overexpression Lysate(Denatured)

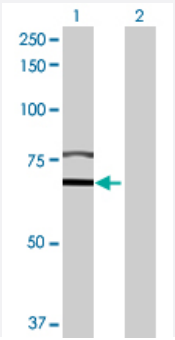
Catalog # H00001737-T01 Size 100 uL

Applications



SDS-PAGE Gel

DLAT transfected lysate.



Western Blot

Lane 1: DLAT transfected lysate (71.28 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DLAT full-length
Host	Human
Theoretical MW (kDa)	71.28
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DLAT antibody (H00001737-B01) by Western Blots. SDS-PAGE Gel DLAT transfected lysate. Western Blot Lane 1: DLAT transfected lysate (71.28 KDa) Lane 2: Non-transfected lysate.

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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 — DLAT

Entrez GeneID	1737
GeneBank Accession#	NM_001931.2
Protein Accession#	NP_001922.2
Gene Name	DLAT
Gene Alias	DLTA, PDC-E2, PDCE2
Gene Description	dihydrolipoamide S-acetyltransferase
Omim ID	608770
Gene Ontology	Hyperlink
Gene Summary	The DLAT gene encodes dihydrolipoamide acetyltransferase (EC 2.3.1.12), the E2 subunit of the mammalian pyruvate dehydrogenase complex (PDC; EC 1.2.4.1) of the inner mitochondrial membrane. Patients with primary biliary cirrhosis (PBC; MIM 109720) show autoantibodies to DLAT.[supplied by OMIM
Other Designations	70 kDa mitochondrial autoantigen of primary biliary cirrhosis|E2 component of pyruvate dehydrogenase complex|M2 antigen complex 70 kDa subunit

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide

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- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Citrate cycle (TCA cycle)
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- Pyruvate metabolism

Disease

- Celiac Disease
- Chorioamnionitis
- Fetal Membranes
- Genetic Predisposition to Disease
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth

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