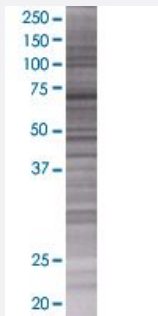


CPT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001376-T01

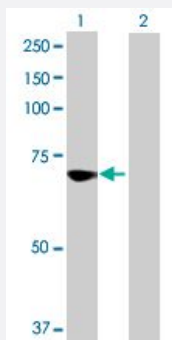
Size 100 uL

Applications



SDS-PAGE Gel

CPT2 transfected lysate.



Western Blot

Lane 1: CPT2 transfected lysate (73.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CPT2 full-length
Host	Human
Theoretical MW (kDa)	73.8
Interspecies Antigen Sequence	Mouse (87); Rat (83)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CPT2 antibody ([H00001376-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CPT2 transfected lysate.
 Western Blot
 Lane 1: CPT2 transfected lysate (73.8 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.

Applications

- Western Blot

Gene Info — CPT2

Entrez GeneID

[1376](#)

GeneBank Accession#

[BC002445](#)

Protein Accession#

[AAH02445](#)

Gene Name

CPT2

Gene Alias

CPT1, CPTASE

Gene Description

carnitine palmitoyltransferase II

Omim ID

[255110](#) [600649](#) [600650](#) [608836](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a nuclear protein which is transported to the mitochondrial inner membrane. Together with carnitine palmitoyltransferase I, the encoded protein oxidizes long-chain fatty acids in the mitochondria. Defects in this gene are associated with mitochondrial long-chain fatty-acid (LCFA) oxidation disorders. [provided by RefSeq]

Other Designations

OTTHUMP00000010493|carnitine O-palmitoyltransferase

Pathway

- [Fatty acid metabolism](#)
- [PPAR signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Glycogen Storage Disease Type V](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Muscular Diseases](#)