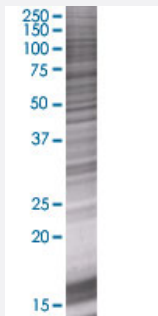


HLCS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003141-T01

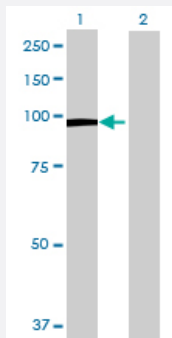
Size 100 uL

Applications



SDS-PAGE Gel

HLCS transfected lysate.



Western Blot

Lane 1: HLCS transfected lysate (79.97 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HLCS full-length
Host	Human
Theoretical MW (kDa)	79.97
Interspecies Antigen Sequence	Mouse (77)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HLCS antibody ([H00003141-B01](#)) by Western Blots.
SDS-PAGE Gel
HLCS transfected lysate.
Western Blot
Lane 1: HLCS transfected lysate (79.97 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 — HLCS

Entrez GeneID

[3141](#)

GeneBank Accession#

[NM_000411.4](#)

Protein Accession#

[NP_000402.3](#)

Gene Name

HLCS

Gene Alias

HCS

Gene Description

holocarboxylase synthetase (biotin-(propionyl-Coenzyme A-carboxylase (ATP-hydrolysing)) ligase)

Omim ID

[253270 609018](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Holocarboxylase synthetase (EC 6.3.4.10) covalently links biotin to propionyl-CoA carboxylase (PCCA; MIM 232000), pyruvate carboxylase (PC; MIM 608786), alpha-methylcrotonyl-CoA carboxylase (MCCC1; MIM 609010), and acetyl-CoA carboxylase (ACACA; MIM 200350).[supplied by OMIM]

Other Designations

OTTHUMP00000109039|biotin apo-protein ligase|holocarboxylase synthetase

Pathway

- [Biotin metabolism](#)
- [Metabolic pathways](#)