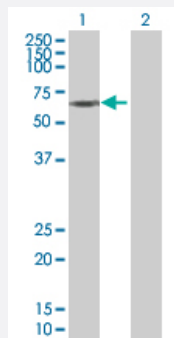


HMGCS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003157-T01

Size 100 uL

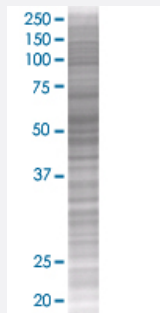
Applications



Western Blot

Lane 1: HMGCS1 transfected lysate (57.2 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

HMGCS1 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-HMGCS1 full-length

Host Human

Theoretical MW (kDa) 57.31

Quality Control Testing Transient overexpression cell lysate was tested with Anti-HMGCS1 antibody ([H00003157-B01](#)) by Western Blots.
Western Blot
Lane 1: HMGCS1 transfected lysate (57.2 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
HMGCS1 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 — HMGCS1

Entrez GeneID[3157](#)**GeneBank Accession#**[BC000297](#)**Protein Accession#**[AAH00297](#)**Gene Name**

HMGCS1

Gene Alias

HMGCS, MGC90332

Gene Description

3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)

Omim ID[142940](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase|hydroxymethylglutaryl-CoA synthase 1

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Butanoate metabolism](#)
- [Metabolic pathways](#)
- [Synthesis and degradation of ketone bodies](#)

- [Terpenoid backbone biosynthesis](#)
- [Valine](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)