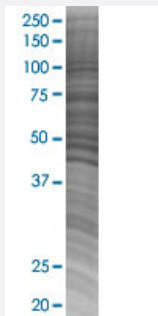


SHMT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006472-T02

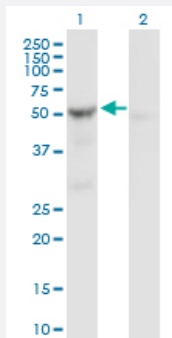
Size 100 uL

Applications



SDS-PAGE Gel

SHMT2 transfected lysate.



Western Blot

Lane 1: SHMT2 transfected lysate (56.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SHMT2 full-length

Host Human

Theoretical MW (kDa) 56

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SHMT2 antibody ([H00006472-B01P](#)) by Western Blots.

SDS-PAGE Gel

SHMT2 transfected lysate.

Western Blot

Lane 1: SHMT2 transfected lysate (56.00 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 — SHMT2

Entrez GeneID[6472](#)**GeneBank Accession#**[NM_005412.4](#)**Protein Accession#**[NP_005403.2](#)**Gene Name**

SHMT2

Gene Alias

GLYA, SHMT

Gene Description

serine hydroxymethyltransferase 2 (mitochondrial)

Omim ID[138450](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

-

Pathway

- [Cyanoamino acid metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [One carbon pool by folate](#)

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Neural Tube Defects](#)