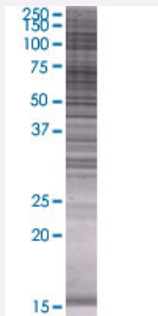


SDS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010993-T01

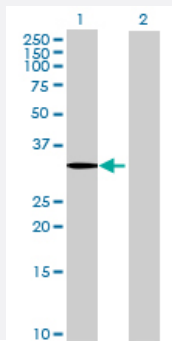
Size 100 uL

Applications



SDS-PAGE Gel

SDS transfected lysate.



Western Blot

Lane 1: SDS transfected lysate (36.19 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SDS full-length
Host	Human
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (83); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SDS antibody ([H00010993-B01](#)) by Western Blots.
SDS-PAGE Gel
SDS transfected lysate.
Western Blot
Lane 1: SDS transfected lysate (36.19 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 — SDS

Entrez GeneID[10993](#)**GeneBank Accession#**[NM_006843.2](#)**Protein Accession#**[NP_006834.2](#)**Gene Name**

SDS

Gene Alias

SDH

Gene Description

serine dehydratase

Omim ID[182128](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to NH₄⁺ and 2-ketobutyrate. The encoded protein is found predominantly in the liver. [provided by RefSeq]

Other Designations

L-serine ammonia-lyase|L-serine deaminase|L-serine dehydratase

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycine](#)
- [Metabolic pathways](#)

Disease

- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)