

## SARS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00054938-T01

規格 : [ 100 uL ]

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### Specification

**Transfected Cell Line:** 293T

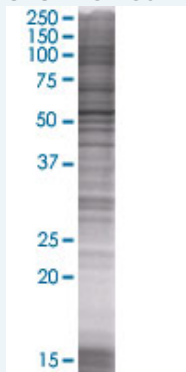
**Plasmid:** pCMV-SARS2 full-length

**Host:** Human

**Theoretical MW (kDa):** 57.09

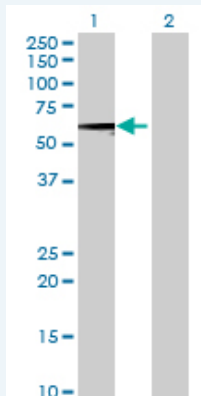
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-SARS2 antibody ([H00054938-B01](#)) by Western Blots.

#### SDS-PAGE Gel



SARS2 transfected lysate.

#### Western Blot



Lane 1: SARS2 transfected lysate ( 57.09 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.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

**Entrez GeneID:** [54938](#)

**GeneBank  
Accession#:** [NM\\_017827.2](#)

**Protein  
Accession#:** [NP\\_060297.1](#)

**Gene Name:** SARS2

**Gene Alias:** FLJ20450,SARS,SARSM,SERS,SYS,SerRSmt,mtSerRS

**Gene  
Description:** seryl-tRNA synthetase 2, mitochondrial

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes the mitochondrial seryl-tRNA synthetase precursor, a member of the class II tRNA synthetase family. The mature enzyme catalyzes the ligation of Serine to tRNA(Ser) and participates in the biosynthesis of selenocysteinyl-tRNA(sec) in mitochondria. The enzyme contains an N-terminal tRNA binding domain and a core catalytic domain. It functions in a homodimeric form, which is stabilized by tRNA binding. This gene is regulated by a bidirectional promoter that also controls the expression of mitochondrial ribosomal protein S12. Both genes are within the critical interval for the autosomal dominant deafness locus DFNA4 and might be linked to this disease. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

**Other  
Designations:** serine tRNA ligase 2, mitochondrial,serine-tRNA ligase, mitochondrial,seryl-tRNA synthetase 2

### Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)

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