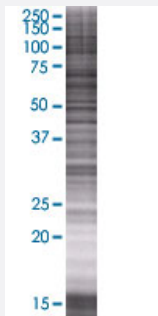


# MARS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00092935-T01

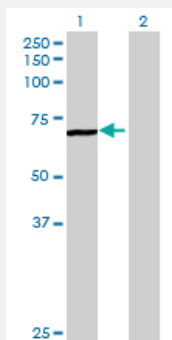
Size 100 uL

## Applications



### SDS-PAGE Gel

MARS2 transfected lysate.



### Western Blot

Lane 1: MARS2 transfected lysate ( 65.34 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                        |
|-------------------------------|------------------------|
| Transfected Cell Line         | 293T                   |
| Plasmid                       | pCMV-MARS2 full-length |
| Host                          | Human                  |
| Theoretical MW (kDa)          | 65.34                  |
| Interspecies Antigen Sequence | Mouse (86); Rat (87)   |

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MARS2 antibody ([H00092935-B01](#)) by Western Blots.  
SDS-PAGE Gel  
MARS2 transfected lysate.  
Western Blot  
Lane 1: MARS2 transfected lysate ( 65.34 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 — MARS2

## Entrez GeneID

[92935](#)

## GeneBank Accession#

[NM\\_138395.2](#)

## Protein Accession#

[NP\\_612404.1](#)

## Gene Name

MARS2

## Gene Alias

MetRS, mtMetRS

## Gene Description

methionyl-tRNA synthetase 2, mitochondrial

## Omim ID

[609728](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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## Other Designations

methionine tRNA ligase 2, mitochondrial|methionine-tRNA ligase|methionine-tRNA synthetase 2|methionine-tRNA synthetase 2 (mitochondrial)|methionine-tRNA synthetase 2, mitochondrial|mitochondrial methionyl-tRNA synthetase

## Pathway

- [Aminoacyl-tRNA biosynthesis](#)

- [Selenoamino acid metabolism](#)