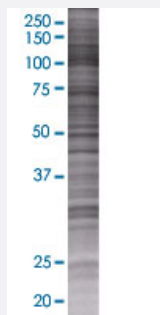


MARS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004141-T01

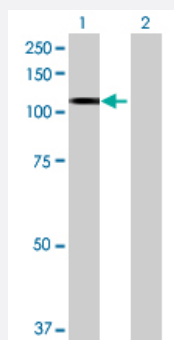
Size 100 uL

Applications



SDS-PAGE Gel

MARS transfected lysate.



Western Blot

Lane 1: MARS transfected lysate (99.11 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MARS full-length

Host Human

Theoretical MW (kDa) 99.11

Quality Control Testing Transient overexpression cell lysate was tested with Anti-MARS antibody ([H00004141-B01](#)) by Western Blots.
 SDS-PAGE Gel
 MARS transfected lysate.
 Western Blot
 Lane 1: MARS transfected lysate (99.11 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 — MARS

Entrez GeneID	4141
GeneBank Accession#	NM_004990.2
Protein Accession#	NP_004981.2
Gene Name	MARS
Gene Alias	FLJ35667, METRS, MTRNS
Gene Description	methionyl-tRNA synthetase
Omim ID	156560
Gene Ontology	Hyperlink
Gene Summary	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene belongs to the class I family of tRNA synthetases. [provided by RefSeq]
Other Designations	methionine tRNA ligase 1, cytoplasmic methionine-tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Selenoamino acid metabolism](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)