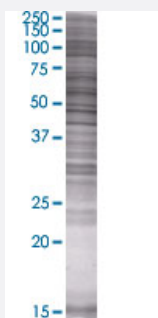


# EARS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00124454-T01

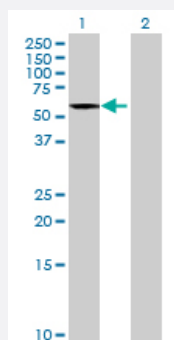
Size 100 uL

## Applications



### SDS-PAGE Gel

EARS2 transfected lysate.



### Western Blot

Lane 1: EARS2 transfected lysate ( 57.64 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-EARS2 full-length

**Host** Human

**Theoretical MW (kDa)** 57.64

**Interspecies Antigen Sequence** Mouse (85)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-EARS2 antibody ([H00124454-B01](#)) by Western Blots.  
SDS-PAGE Gel  
EARS2 transfected lysate.  
Western Blot  
Lane 1: EARS2 transfected lysate ( 57.64 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 — EARS2

Entrez GeneID [124454](#)

GeneBank Accession# [NM\\_133451.1](#)

Protein Accession# [NP\\_597708.1](#)

Gene Name EARS2

Gene Alias KIAA1970, MSE1

Gene Description glutamyl-tRNA synthetase 2, mitochondrial (putative)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations glutamate tRNA ligase 2, mitochondrial (putative)|glutamyl tRNA synthetase 2

## Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Metabolic pathways](#)
- [Porphyrin and chlorophyll metabolism](#)