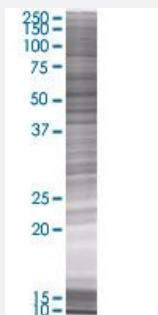


# FARSLA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002193-T01

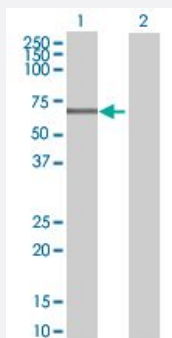
Size 100 uL

## Applications



### SDS-PAGE Gel

FARSA transfected lysate.



### Western Blot

Lane 1: FARSA transfected lysate ( 55.99 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-FARSLA full-length

**Host** Human

**Theoretical MW (kDa)** 55.99

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-FARSLA antibody ([H00002193-B01](#)) by Western Blots.  
SDS-PAGE Gel  
FARSA transfected lysate.  
Western Blot  
Lane 1: FARSA transfected lysate ( 55.99 KDa)  
Lane 2: Non-transfected lysate.

|                            |   |
|----------------------------|---|
| <b>Storage Buffer</b>      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Storage Instruction</b> | Store at -80°C. Aliquot to avoid repeated freezing and thawing.   |

## Applications

- Western Blot

## Gene Info — FARSA

|                            |   |
|----------------------------|---|
| <b>Entrez GeneID</b>       | <a href="#">2193</a>  |
| <b>GeneBank Accession#</b> | <a href="#">NM_004461.1</a>   |
| <b>Protein Accession#</b>  | <a href="#">NP_004452.1</a>   |
| <b>Gene Name</b>           | FARSA   |
| <b>Gene Alias</b>          | CML33, FARSL, FARSLA, FRSA, PheHA   |
| <b>Gene Description</b>    | phenylalanyl-tRNA synthetase, alpha subunit   |
| <b>Omim ID</b>             | <a href="#">602918</a>  |
| <b>Gene Ontology</b>       | <a href="#">Hyperlink</a>   |
| <b>Gene Summary</b>        | Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and <i>Saccharomyces cerevisiae</i> phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression [provided by RefSeq] |
| <b>Other Designations</b>  | phenylalanine tRNA ligase 1, alpha, cytoplasmic phenylalanine-tRNA synthetase alpha-subunit phenylalanine-tRNA synthetase-like, alpha subunit phenylalanyl-tRNA synthetase-like, alpha subunit  |

## Pathway

- [Aminoacyl-tRNA biosynthesis](#)