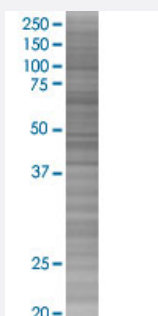


RARS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005917-T02

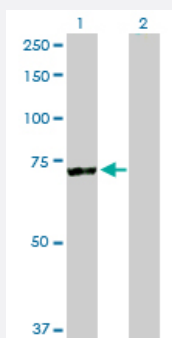
Size 100 uL

Applications



SDS-PAGE Gel

RARS transfected lysate.



Western Blot

Lane 1: RARS transfected lysate (75.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RARS full-length

Host Human

Theoretical MW (kDa) 75.4

Quality Control Testing Transient overexpression cell lysate was tested with Anti-RARS antibody ([H00005917-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 RARS transfected lysate.
 Western Blot
 Lane 1: RARS transfected lysate (75.40 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 — RARS

Entrez GeneID[5917](#)**GeneBank Accession#**[NM_002887.3](#)**Protein Accession#**[NP_002878.2](#)**Gene Name**

RARS

Gene Alias

ArgRS, DALRD1, MGC8641

Gene Description

arginyl-tRNA synthetase

Omim ID[107820](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family. [provided by RefSeq]

Other Designations

arginine tRNA ligase 1, cytoplasmic

Pathway

- [Aminoacyl-tRNA biosynthesis](#)