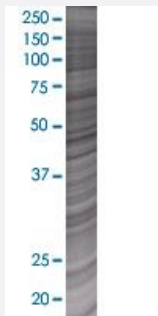


# MRPL13 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00028998-T01

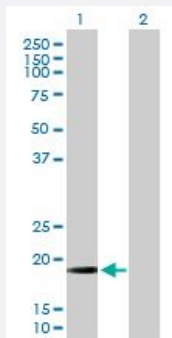
Size 100 uL

## Applications



### SDS-PAGE Gel

MRPL13 transfected lysate.



### Western Blot

Lane 1: MRPL13 transfected lysate ( 19.69 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRPL13 full-length
Host	Human
Theoretical MW (kDa)	19.69
Interspecies Antigen Sequence	Mouse (89); Rat (89)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MRPL13 antibody ([H00028998-B01](#)) by Western Blots.  
SDS-PAGE Gel  
MRPL13 transfected lysate.  
Western Blot  
Lane 1: MRPL13 transfected lysate ( 19.69 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 — MRPL13

## Entrez GeneID

[28998](#)

## GeneBank Accession#

[NM\\_014078.4](#)

## Protein Accession#

[NP\\_054797.2](#)

## Gene Name

MRPL13

## Gene Alias

L13, L13A, L13mt, RPL13, RPML13

## Gene Description

mitochondrial ribosomal protein L13

## Omim ID

[610200](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. [provided by RefSeq]

## Other Designations

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## Pathway

- [Ribosome](#)