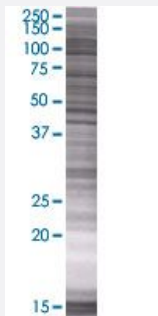


MRPS11 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064963-T02

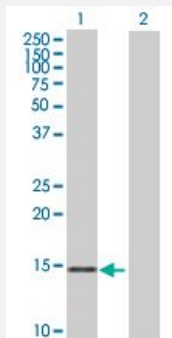
Size 100 uL

Applications



SDS-PAGE Gel

MRPS11 transfected lysate.



Western Blot

Lane 1: MRPS11 transfected lysate (21.45 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRPS11 full-length
Host	Human
Theoretical MW (kDa)	21.45
Interspecies Antigen Sequence	Mouse (71); Rat (74)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MRPS11 antibody ([H00064963-B02](#)) by Western Blots.
SDS-PAGE Gel
MRPS11 transfected lysate.
Western Blot
Lane 1: MRPS11 transfected lysate (21.45 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 — MRPS11

Entrez GeneID

[64963](#)

GeneBank Accession#

[NM_022839.2](#)

Protein Accession#

[NP_073750.2](#)

Gene Name

MRPS11

Gene Alias

FLJ22512, FLJ23406, HCC-2

Gene Description

mitochondrial ribosomal protein S11

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 28S 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 28S subunit protein that contains a high level of sequence similarity with ribosomal protein S11P family members. A pseudogene corresponding to this gene is found on chromosome 20. Sequence analysis identified two transcript variants that encode different protein isoforms. [provided by RefSeq]

Other Designations

cervical cancer proto-oncogene 2