

MRPS23 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00051649-T01

規格 : [100 uL]

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Specification

Transfected Cell Line: 293T

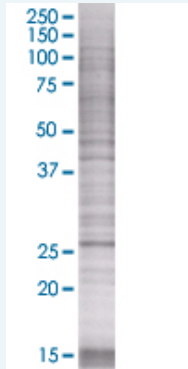
Plasmid: pCMV-MRPS23 full-length

Host: Human

Theoretical MW (kDa): 21.01

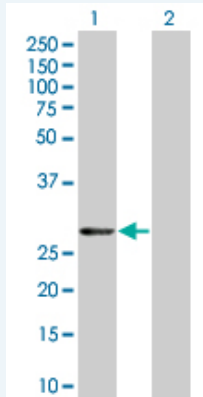
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-MRPS23 antibody ([H00051649-B01](#)) by Western Blots.

SDS-PAGE Gel



MRPS23 transfected lysate.

Western Blot



Lane 1: MRPS23 transfected lysate (21.01 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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [51649](#)

GeneBank [BC000242](#)
Accession#:

Protein [AAH00242](#)
Accession#:

Gene Name: MRPS23

Gene Alias: CGI-138,HSPC329,MRP-S23

Gene Description: mitochondrial ribosomal protein S23

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. A pseudogene corresponding to this gene is found on chromosome 7p. [provided by RefSeq]

Other Designations: -

Related Disease

[Tobacco Use Disorder](#)