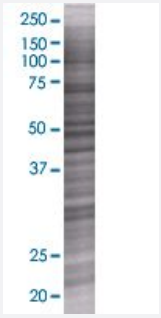
MRPS23 293T Cell Transient Overexpression Lysate(Denatured)

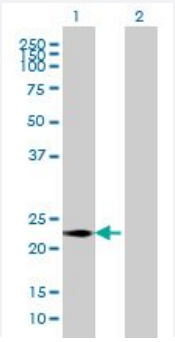
Catalog # H00051649-T02 Size 100 uL

Applications



SDS-PAGE Gel

MRPS23 transfected lysate.



Western Blot

Lane 1: MRPS23 transfected lysate (21.8 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRPS23 full-length
Host	Human
Theoretical MW (kDa)	21.8
Interspecies Antigen Sequence	Mouse (69); Rat (68)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-MRPS23 antibody (H00051649-B02) by W estern Blots. SDS-PAGE Gel MRPS23 transfected lysate. Western Blot Lane 1: MRPS23 transfected lysate (21.8 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MRPS23

Entrez GeneID	51649
GeneBank Accession#	NM_016070
Protein Accession#	NP_057154
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 s ynthesis 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 co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es 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 chromoso me 7p. [provided by RefSeq
Other Designations	-

Disease

- Tobacco Use Disorder