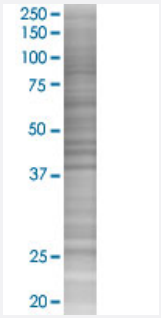
MRPL46 293T Cell Transient Overexpression Lysate(Denatured)

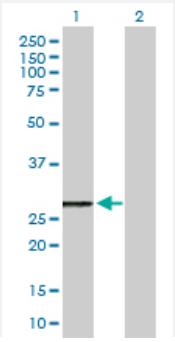
Catalog # H00026589-T02 Size 100 uL

Applications



SDS-PAGE Gel

MRPL46 transfected lysate.



Western Blot

Lane 1: MRPL46 transfected lysate (31.70 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MRPL46 full-length
Host	Human
Theoretical MW (kDa)	31.7
Interspecies Antigen Sequence	Mouse (80); Rat (81)

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Quality Control Testing	Transient overexpression cell lysate was tested with Anti-MRPL46 antibody (H00026589-B01P) by Western Blots. SDS-PAGE Gel MRPL46 transfected lysate. Western Blot Lane 1: MRPL46 transfected lysate (31.70 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 — MRPL46

Entrez GeneID	26589
GeneBank Accession#	NM_022163
Protein Accession#	NP_071446
Gene Name	MRPL46
Gene Alias	C15orf4, LIECG2, MGC22762, P2ECSL
Gene Description	mitochondrial ribosomal protein L46
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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Disease

- Tobacco Use Disorder

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