antibodies

Datasheet for ABIN2726379 MRPS17 Protein (Myc-DYKDDDDK Tag)





Overview

20 µg
MRPS17
Human
HEK-293 Cells
Recombinant
This MRPS17 protein is labelled with Myc-DYKDDDDK Tag.
Antibody Production (AbP), Standard (STD)
Recombinant human MRPS17 protein expressed in HEK293 cells.Produced with end-sequenced ORF clone
> 80 % as determined by SDS-PAGE and Coomassie blue staining
MRPS17
Mrps17 (MRPS17 Products)
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

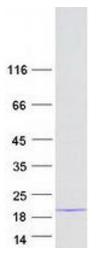
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Target Details

	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 belongs to the ribosomal
	protein S17P family. The encoded protein is moderately conserved between human
	mitochondrial and prokaryotic ribosomal proteins. Pseudogenes corresponding to this gene are
	found on chromosomes 1p, 3p, 6q, 14p, 18q, and Xq.
Molecular Weight:	14.3 kDa
NCBI Accession:	NP_057053
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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