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MRPS34 Protein (Myc-DYKDDDDK Tag)



Image



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Quantity:	20 μg	
Target:	MRPS34	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This MRPS34 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human MRPS34 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	MRPS34	
Alternative Name:	Mrps34 (MRPS34 Products)	
Background:	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	

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. Alternative splicing results in
multiple transcript variants.

Molecular Weight: 25.5 kDa

NCBI Accession: NP_076425

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.	

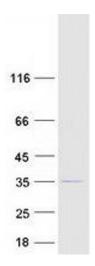
For Research Use only

Handling

Restrictions:

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.

Images



Western Blotting

Image 1. Validation with Western Blot