

Recombinant Human MRPS30 Protein, MYC/DDK-tagged

Cat. No. MRPS30-1935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MRPS30 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	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 that is similar to the chicken pro-apoptotic protein p52. Transcript variants using alternative promoters or polyA sites have been mentioned in the literature but the complete description of these sequences is not available. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name MRPS30 mitochondrial ribosomal protein S30 [Homo sapiens]

Official Symbol MRPS30

Synonyms MRP-S30; PAP; PDCD9; S30mt

Gene ID 10884

mRNA Refseq NM_016640

Protein Refseq NP_057724

MIM 611991

UniProt ID Q9NP92

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