

40S ribosomal protein S19, mitochondrial (RPS19), Recombinant Protein

Cat *RP03906*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Species

Full Product Name

Recombinant Arabidopsis thaliana 40S ribosomal protein S19, mitochondrial (RPS19)

Product Gene Name

RPS19 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

STKLYIGGLS PGTDEHSLKD AFSSFNGVTE ARVMTNKVTG RSRGYGFVNF ISEDSANSAI SAMNGQELNG
FNISVNVAKD WPSLPLSLDE SIEEAEKKEN KMMSRSVWKD PFVDAFLMKK KNAALNRKIW SRRSTILPEY
VDSAVRIYNG KTHVRCKITE GKVGHKFGF AFTRKVKKHA KAK

Sequence Positions

30-212, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

23,636 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

40S ribosomal protein

NCBI Accession

NP_568681.1

NCBI GI

18422781

NCBI GenBank Nucleotide

NM_124103.4

NCBI GeneID

834779

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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ribosomal protein S19
Cell)

NCBI Official Full Name

NCBI Official Symbol

RPS19

NCBI Official Synonym Symbols

MQL5.18; MQL5_18; ribosomal protein S19

NCBI Protein Information

ribosomal protein S19

NCBI Summary

Nuclear encoded mitochondrial ribosome subunit.

UniProt Gene Name

RPS19

UniProt Protein Name

40S ribosomal protein S19, mitochondrial

UniProt Primary Accession

P39697

UniProt Secondary Accession

Q41991; Q94AL0; Q9LVS7

UniProt Related Accession

P39697

UniProt Comments

The RNA-binding domain found in RPS19 may functionally replaces the missing mitochondrial RPS13.

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