

# 40S ribosomal protein Sa-2 (RPSaB), Recombinant Protein

Cat RP05134

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

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

## Full Product Name

Recombinant Arabidopsis thaliana 40S ribosomal protein Sa-2 (RPSaB)

## Product Gene Name

RPSaB recombinant protein

## Product Synonym Gene Name

RPSaB

## Purity

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

## Sequence

MAANGVATAG RQVSEKEADI QMMLSADVHL GTKNCNYQME RYVFKRRDDG IYIINLGKTW DKLQMAARVI  
VAIENPKDII VQSARPYGQR AVLKFAQYTG VNAIAGRHTP GTFTNQMQTS FSEPRLLILT DPRTDHQPIK  
EGALGNIPTI AFCDTDSPMG FVDIGIPANN KGKHSIGCLF WLLARMVLQM RGTILAAQKW DVMVDLFFYR  
EPEEAKQEGD EEAQVQADYG MVGGDQWTTA QISDAAWSGE VEQPISAAPA VGVTVAAAGWE AASVPAAGWE

## Sequence Positions

1-280, 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

31,420 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\_187128.1

## NCBI GI #

15229347

## NCBI GenBank Nucleotide #

NM\_111349.4

## NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat      *RP05134*

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

819637 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## NCBI Official Full Name

40s ribosomal protein SA B

## NCBI Official Symbol

RPSAb

## NCBI Official Synonym Symbols

40s ribosomal protein SA B; F7O18.26; F7O18\_26; P40 HOMOLOGUE

## NCBI Protein Information

40s ribosomal protein SA B

## UniProt Gene Name

RPSaB

## UniProt Protein Name

40S ribosomal protein Sa-2

## UniProt Synonym Protein Names

p40 protein homolog

## UniProt Primary Accession #

Q8H173

## UniProt Secondary Accession #

Q8LB49; Q8S9I1; Q96317

## UniProt Related Accession #

Q8H173

## UniProt Comments

Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits.

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