

# 30S ribosomal protein S13, chloroplastic (RPS13), Recombinant Protein

Cat      *RP05405*

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

Species (Mammalian-Cell)/ 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)

## Full Product Name

Recombinant Arabidopsis thaliana 30S ribosomal protein S13, chloroplastic (RPS13)

## Product Gene Name

RPS13 recombinant protein

## Purity

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

## Sequence

ARVGGVEIPA NKRIEYSLQY IHGIGRTRAR QILVDLQMEN KITKDMAEEE LIILRDEVSK YMIEGDLRRF  
NALAIKRLKE IQCYRGVRHI QGLPCRQRT KNNCRTLGK KIAIAGKKKV SK

## Sequence Positions

48-169, 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

19,097 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\_568299.1

## NCBI GI #

18417346

## NCBI GenBank Nucleotide #

NM\_121436.5

## NCBI GenelD

831282

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# 30S ribosomal protein S13, chloroplastic (RPS13), Recombinant Protein

Cat      *RP05405*

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

Ribosomal protein S13/S18 family (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

EMB3137

## NCBI Official Symbol

## NCBI Official Synonym Symbols

EMBRYO DEFECTIVE 3137; F18O22.110; F18O22\_110

## NCBI Protein Information

Ribosomal protein S13/S18 family

## UniProt Gene Name

RPS13

## UniProt Protein Name

30S ribosomal protein S13, chloroplastic

## UniProt Synonym Protein Names

CS13

## UniProt Primary Accession #

P42732

## UniProt Secondary Accession #

Q9LY97

## UniProt Related Accession #

P42732

## UniProt Comments

Located at the top of the head of the 30S subunit, it contacts several helices of the 16S rRNA.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**