

30S ribosomal protein S14, chloroplastic (rps14), Recombinant Protein

Cat *RP15826*

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-
Solanum tuberosum (Potato)
Cell)

Full Product Name

Recombinant Solanum tuberosum 30S ribosomal protein S14, chloroplastic (rps14)

Product Gene Name

rps14 recombinant protein

Product Synonym Gene Name

rps14

Purity

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

Sequence

MARKSLIQRE KKRQKLEQKY HSIRRSSKKE ISKVPSLSDK WEIYGKLQSL PRNSAPTRLH RRCFLTGRPR
ANYRDFGLSG HILREMVHAC LLPGATRSSW

Sequence Positions

1-100, 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

11,760 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

30S ribosomal protein

NCBI Accession

YP_635637.1

NCBI GI

108773128

NCBI GenBank Nucleotide

NC_008096.2

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

4099967 (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

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

Cell)
ribosomal protein S14 (chloroplast)

NCBI Official Full Name

rps14

NCBI Protein Information

30S ribosomal protein S14

UniProt Gene Name

rps14

UniProt Protein Name

30S ribosomal protein S14, chloroplastic

UniProt Primary Accession

Q27S52

UniProt Related Accession

Q27S52

UniProt Comments

Binds 16S rRNA, required for the assembly of 30S particles.

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