

30S ribosomal protein S7, chloroplastic (rps7-A), Recombinant Protein

Cat *RP17829*

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-
Nicotiana tomentosiformis (Tobacco)
Cell)

Full Product Name

Recombinant Nicotiana tomentosiformis 30S ribosomal protein S7, chloroplastic (rps7-A)

Product Gene Name

rps7-A recombinant protein

Product Synonym Gene Name

rps7-A

Purity

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

Sequence

MSRRGTAEKK TAKSDPIYRN RLVNMLVNRI LKHGKKSLAY QIIYRAVKKI QQKTETNPLS VLRQAIRGVT
PDITVKARRV GGSTHQVPIE IGSTQGKALA IRWLLAASRK RPGRNMAFKL SSELVDAAGK SGDAIRKKEE
THRMAEANRA FAHFR

Sequence Positions

1-155, 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

17,386 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_398914.1

NCBI GI

81301618

NCBI GenBank Nucleotide

NC_007602.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

3776392

NCBI Official Full Name

ribosomal protein S7 (chloroplast)

NCBI Official Symbol

rps7

NCBI Protein Information

30S ribosomal protein S7

UniProt Gene Name

rps7-A

UniProt Protein Name

30S ribosomal protein S7, chloroplastic

UniProt Primary Accession

Q33BY2

UniProt Related Accession

Q33BY2

UniProt Comments

One of the primary rRNA binding proteins, it binds directly to 16S rRNA where it nucleates assembly of the head domain of the 30S subunit.

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