

50S ribosomal protein L4, chloroplastic (RPL4), Recombinant Protein

Cat RP02076

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-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana 50S ribosomal protein L4, chloroplastic (RPL4)

Product Gene Name

RPL4 recombinant protein

Purity

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

Sequence

QLATLPILSF EGEKVGETYL DLKAAPEDTA RAVVHRAIVT DLNNKRRGTA STLTRGEVRG GGIKPYSQKK
TGHARRGSQR TPLRPGGGVV FGPRPKDWSI KINRKEKKLA ISTALSSAAS AEGGAIVVEE FGEKFEKPKT
KDFLAAMQRW GLDPKEKAMF LMIDVDENVA KSSRNIGTLR MLTPRTLNLF DILNADKLV LTPAAVEFLNA
RYGVDAVEEE DDEDETEGS EEA

Sequence Positions

50-282, 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

30,559 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

60S ribosomal protein

NCBI Accession

NP_001030985.1

NCBI GI

79317138

NCBI GenBank Nucleotide

NM_001035908.2

NCBI GeneID

837243

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI Official Full Name
ribosomal protein L4

NCBI Official Symbol

RPL4

NCBI Official Synonym Symbols

EMB2784; EMBRYO DEFECTIVE 2784; F22G5.34; F22G5_34; plastid ribosomal protein L4; PRPL4; ribosomal protein L4; RIBOSOMAL PROTEIN L4

NCBI Protein Information

ribosomal protein L4

NCBI Summary

encodes a plastid ribosomal protein L4

UniProt Gene Name

RPL4

UniProt Protein Name

50S ribosomal protein L4, chloroplastic

UniProt Synonym Protein Names

CL4; R-protein L4

UniProt Primary Accession

O50061

UniProt Secondary Accession

Q8LF27; Q8VZS1; Q9LNV1

UniProt Related Accession

O50061

UniProt Comments

This protein binds directly and specifically to 23S rRNA . May play a role in plastid transcriptional regulation.

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