

50S ribosomal protein L10, chloroplastic (RPL10), Recombinant Protein

Cat *RP19664*

Size *0.05 mg (E-Coli)/ 0.05 mg (Yeast)/ 0.2 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.5 mg (E-Coli)/ 0.2 mg (Yeast)/ 0.1 mg*

Species *(Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 0.5 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg Spinacia oleracea (Spinach) (Yeast)/ 1 mg (B*

Full Product Name

Recombinant Spinacia oleracea 50S ribosomal protein L10, chloroplastic (RPL10)

Product Synonym Names

Recombinant 50S ribosomal protein L10, chloroplastic (RPL10); 50S ribosomal protein L10, chloroplastic; CL10

Product Gene Name

RPL10 recombinant protein

Product Synonym Gene Name

RPL10

Purity

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

Sequence

AISRTKKEET VETVQKHLEX YLLA

Sequence Positions

1-24aa; 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

2,798 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

Protein Family

60S ribosomal protein

NCBI Accession

P82139.1

NCBI GI

75107034

NCBI Official Full Name

50S ribosomal protein L10, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

50S ribosomal protein L10, chloroplastic (RPL10), Recombinant Protein

Cat *RP19664*

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UniProt Gene Name

RPL10 *(Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 0.5 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (B*

UniProt Protein Name

50S ribosomal protein L10, chloroplastic

UniProt Synonym Protein Names

CL10

UniProt Entry Name

RK10_SPIOL

UniProt Primary Accession

P82139

UniProt Comments

Function: This protein binds directly to 23S ribosomal RNA

By similarity.

Subunit structure: Part of the 50S ribosomal subunit.

Subcellular location: Plastid › chloroplast.

Tissue specificity: Expressed in all plant tissues.

Miscellaneous: Three forms, which differ in pI and possibly also in C-terminal length, are produced, L10 alpha, L10 beta and L10 gamma.

Sequence similarities: Belongs to the ribosomal protein L10P family.

Mass spectrometry: Molecular mass is 20305.8 Da from positions 1 - ?. Determined by ESI. L10 alpha form.

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