# 30s Ribosomal Protein S19, Chloroplastic (rps19) Amborella Trichopoda Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 30S ribosomal protein S19, chloroplastic (rps19), Recombinant Protein |
| **Full Product Name** | Recombinant Amborella trichopoda 30S ribosomal protein S19, chloroplastic (rps19) |
| **Product Gene Name** | rps19 recombinant protein |
| **Product Synonym Gene Name** | rps19 |
| **Sequence** | MSRSLKKNPF VANNLLLKIH KLNTREEKEI IVTWSRASTI IPTMIGHTIA IHNGKEHLPV YVTDRMVGHK LGEFAPTLTF QGHARNDSKF RR |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 10,559 Da |
| **Sequence Positions** | 1-92, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q70XX0 |
| **Species** | Amborella trichopoda |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rps19 recombinant protein** | MBS1352876 is a recombinant protein targeting rps19. Also known as Recombinant Amborella trichopoda 30S ribosomal protein S19, chloroplastic (rps19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rps19 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for rps19. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 34500954 |
| **NCBI GeneID** | 2546557 |
| **NCBI Accession #** | NP_904139.1 |
| **UniProt Primary Accession #** | Q70XX0 |
| **UniProt Related Accession #** | Q70XX0 |
| **GenBank Nucleotide #** | NC_005086.1 |

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| **NCBI Official Full Name** | ribosomal protein S19 (chloroplast) |
| **NCBI Official Symbol** | rps19 |
| **UniProt Protein Name** | 30S ribosomal protein S19, chloroplastic |
| **Protein Family** | 30S ribosomal protein |
| **UniProt Gene Name** | rps19 |
| **NCBI Protein Information** | 30S ribosomal protein S19 |
| **UniProt Comments for rps19** | Protein S19 forms a complex with S13 that binds strongly to the 16S ribosomal RNA. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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