# 30s Ribosomal Protein S4P (rps4p) Methanopyrus Kandleri Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 30S ribosomal protein S4P (rps4p), Recombinant Protein |
| **Full Product Name** | Recombinant Methanopyrus kandleri 30S ribosomal protein S4P (rps4p) |
| **Product Gene Name** | rps4p recombinant protein |
| **Product Synonym Gene Name** | rps4p |
| **Sequence** | MGDPKRPRKK YETPRHPWEA ERLEYERKLM RKYGLRRKKE LWRHQTQLKR WRERAKELMA RTDPEAQRER EALFRKLYDL GILDKKPEEA TLDDILRLTV EDVLERRLQT IVYRKGLAKT PLQARQLVVH RHIAIGDRIV TVPSYLVSRE EEEEVDYSPY SPLKDEDHPI RCEARGESPE ETAAEE |
| **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** | 22,370 Da |
| **Sequence Positions** | 1-186, 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 Q8TVC0 |
| **Species** | Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rps4p recombinant protein** | MBS1478717 is a recombinant protein targeting rps4p. Also known as Recombinant Methanopyrus kandleri 30S ribosomal protein S4P (rps4p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rps4p 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 rps4p. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 26399409 |
| **NCBI Accession #** | Q8TVC0.1 |
| **UniProt Primary Accession #** | Q8TVC0 |
| **NCBI Official Full Name** | 30S ribosomal protein S4 |
| **UniProt Protein Name** | 30S ribosomal protein S4 |
| **UniProt Gene Name** | rps4 |

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| **UniProt Comments for rps4p** | One of the primary rRNA binding proteins, it binds directly to 16S rRNA where it nucleates assembly of the body of the 30S subunit. |
| **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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