# 30s Ribosomal Protein S10P (rps10p) Thermoplasma Volcanium Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 30S ribosomal protein S10P (rps10p), Recombinant Protein |
| **Full Product Name** | Recombinant Thermoplasma volcanium 30S ribosomal protein S10P (rps10p) |
| **Product Gene Name** | rps10p recombinant protein |
| **Product Synonym Gene Name** | rps10p |
| **Sequence** | MASYKARISL SGTEHKIVDM VCSEIKEIAS RTGVEIHGPM PLPTKKLVVP VRKSPDGEGT NTWDHWEMRI HKRLIDVDAD ERTLRQLMRI PIPDGVQIEI QIKS |
| **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** | 11,826 Da |
| **Sequence Positions** | 1-104, 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 Q979T2 |
| **Species** | Thermoplasma volcanium (strain 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rps10p recombinant protein** | MBS1380529 is a recombinant protein targeting rps10p. Also known as Recombinant Thermoplasma volcanium 30S ribosomal protein S10P (rps10p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rps10p 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 rps10p. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499219768 |
| **NCBI Accession #** | WP_010917308.1 |
| **UniProt Primary Accession #** | Q979T2 |
| **GenBank Nucleotide #** | WP_010917308.1 |
| **NCBI Official Full Name** | 30S ribosomal protein S10 |
| **UniProt Protein Name** | 30S ribosomal protein S10 |

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| **UniProt Gene Name** | rps10 |
| **UniProt Comments for rps10p** | Involved in the binding of tRNA to the ribosomes. |
| **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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