# 30s Ribosomal Protein S3 (rpsC) Yersinia Pestis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 30S ribosomal protein S3 (rpsC), Recombinant Protein |
| **Full Product Name** | Recombinant Yersinia pestis 30S ribosomal protein S3 (rpsC) |
| **Product Gene Name** | rpsC recombinant protein |
| **Product Synonym Gene Name** | rpsC |
| **Sequence** | MGQKVHPNGI RLGIVKAWNS TWYANTKEFA DNLDSDFKVR QFLTKELAKA SVSRIVIERP AKSIRVTIHT ARPGIVIGKK GEDVEKLRKV VADIAGVPAQ INIAEVRKPE LDAKLVADSI TSQLERRVMF RRAMKRAVQN AMRLGAKGIK VEVSGRLGGA EIARTEWYRE GRVPLHTLRA DIDYNTSEAH TTYGVIGVKV WIFKGEILGG MAAVEQPEPA AQPKKQQRKG RK |
| **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** | 25,829 Da |
| **Sequence Positions** | 1-232, Full length |
| **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 Q8ZJA6 |
| **Species** | Yersinia pestis |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rpsC recombinant protein** | MBS1311085 is a recombinant protein targeting rpsC. Also known as Recombinant Yersinia pestis 30S ribosomal protein S3 (rpsC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rpsC 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 rpsC. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 488150436 |
| **NCBI Accession #** | WP_002221644.1 |
| **UniProt Primary Accession #** | Q8ZJA6 |
| **UniProt Secondary Accession #** | Q0WK92 |
| **GenBank Nucleotide #** | WP_002221644.1 |

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| **NCBI Official Full Name** | MULTISPECIES: 30S ribosomal protein S3 |
| **UniProt Protein Name** | 30S ribosomal protein S3 |
| **Protein Family** | 30S ribosomal protein |
| **UniProt Gene Name** | rpsC |
| **UniProt Comments for rpsC** | Binds the lower part of the 30S subunit head. Binds mRNA in the 70S ribosome, positioning it for translation. |
| **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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