# 30s Ribosomal Protein S5 (rpsE) Mycoplasma Pneumoniae Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 30S ribosomal protein S5 (rpsE), Recombinant Protein |
| **Full Product Name** | Recombinant Mycoplasma pneumoniae 30S ribosomal protein S5 (rpsE) |
| **Product Gene Name** | rpsE recombinant protein |
| **Product Synonym Gene Name** | rpsE |
| **Sequence** | MTDQNQKANQ GNGLQTTNLQ AHAQRKHNLR PSSEGIKKAV SKKEGGGHNR NNQNRRFQKP AFKSEFEERI VKLKRISKTT KGGRNMRFSV LVVVGNRKGK IGYGIAKALE VPNAIKKAIK AAHNSLHTIE IHKGSIYHEV IGRSGASRVL LKPAPQGTGI IAGGAIRAII ELAGYSDIYT KNLGRNTPIN MIHATMDGIL KQLSPRRVAI LRNKNLNEL |
| **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** | 24,090 Da |
| **Sequence Positions** | 1-219, 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 Q50301 |
| **Species** | Mycoplasma pneumoniae (strain 29342 / M129) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rpsE recombinant protein** | MBS1312764 is a recombinant protein targeting rpsE. Also known as Recombinant Mycoplasma pneumoniae 30S ribosomal protein S5 (rpsE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rpsE 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 rpsE. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 13507921 |
| **NCBI GeneID** | 876768 |
| **NCBI Accession #** | NP_109870.1 |
| **UniProt Primary Accession #** | Q50301 |
| **UniProt Related Accession #** | Q50301 |

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| **GenBank Nucleotide #** | NC_000912.1 |
| **NCBI Official Full Name** | 30S ribosomal protein S5 |
| **NCBI Official Symbol** | rpsE |
| **NCBI Official Synonym Symbols** | GT9_orf219 |
| **UniProt Protein Name** | 30S ribosomal protein S5 |
| **Protein Family** | 30S ribosomal protein |
| **UniProt Gene Name** | rpsE |
| **NCBI Protein Information** | 30S ribosomal protein S5 |
| **UniProt Comments for rpsE** | With S4 and S12 plays an important role in translational accuracy. |
| **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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