# 50s Ribosomal Protein L6P (rpl6p) Methanospirillum Hungatei Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 50S ribosomal protein L6P (rpl6p), Recombinant Protein |
| **Full Product Name** | Recombinant Methanospirillum hungatei 50S ribosomal protein L6P (rpl6p) |
| **Product Gene Name** | rpl6p recombinant protein |
| **Product Synonym Gene Name** | rpl6p |
| **Sequence** | MTVERVVSIP SGVSVTMDGT VLHVKGPKGN LQRDMWYPGI EITIGSEDVR FTTESQKKAV TSMVGTLASH CSNMCTGVTK GYLYSMKVVY SHFPIQIKVV GETLEIVNFL GEKYPRSARI LPGTTVKVGS DEVTVTGIDK EVVGSTAANI ERATRIRDRD PRVFQDGIYI VSRSEQ |
| **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** | 19,301 Da |
| **Sequence Positions** | 1-176, 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 Q2FSG5 |
| **Species** | Methanospirillum hungatei (strain JF-1 / DSM 864) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rpl6p recombinant protein** | MBS1371384 is a recombinant protein targeting rpl6p. Also known as Recombinant Methanospirillum hungatei 50S ribosomal protein L6P (rpl6p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rpl6p 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 rpl6p. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499768466 |
| **NCBI GeneID** | 3924105 |
| **NCBI Accession #** | WP_011449200.1 |
| **UniProt Primary Accession #** | Q2FSG5 |
| **UniProt Related Accession #** | Q2FSG5 |
| **GenBank Nucleotide #** | WP_011449200.1 |

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| **NCBI Official Full Name** | 50S ribosomal protein L6 |
| **NCBI Official Symbol** | MHUN_RS11630 |
| **UniProt Protein Name** | 50S ribosomal protein L6 |
| **UniProt Gene Name** | rpl6 |
| **NCBI Protein Information** | 50S ribosomal protein L6 |
| **UniProt Comments for rpl6p** | This protein binds to the 23S rRNA, and is important in its secondary structure. It is located near the subunit interface in the base of the L7/L12 stalk, and near the tRNA binding site of the peptidyltransferase center. |
| **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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