# 40s Ribosomal Protein S0-B (rps0b) Schizosaccharomyces Japonicus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 40S ribosomal protein S0-B (rps0b), Recombinant Protein |
| **Full Product Name** | Recombinant Schizosaccharomyces japonicus 40S ribosomal protein S0-B (rps0b) |
| **Product Gene Name** | rps0b recombinant protein |
| **Sequence** | MAESVAHPSV LNATEEDIKQ LLAASCHIGS KNLDVRMENY VWKRRADGVN IINIGKTWEK IVLAARVIAT IENPADVCVI SARPYGHRAV LKFAAHTGAT AIAGRFTPGN FTNYITRTYR EPRLIVVTDP RADHQAIKEA SYVNIPVIAL CDTDSPLAHV DIAIPTNNKG YKSIGLVWWL LAREVLRLRG ALSRTAPWDI MVDMYFYRDP EAEREEEAKA VEAEAEAPAV EAAEFEPTAE GAVDPSILAA ATAGQVGQSA WDEEGDWNTT GAAQTSDWAN TVA |
| **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** | 30,883 Da |
| **Sequence Positions** | 1-283, 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 B6K1S2 |
| **Species** | Schizosaccharomyces japonicus (strain yFS275 / FY16936) (Fission yeast) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rps0b recombinant protein** | MBS1236911 is a recombinant protein targeting rps0b. Also known as Recombinant Schizosaccharomyces japonicus 40S ribosomal protein S0-B (rps0b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rps0b 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 rps0b. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 213405249 |
| **NCBI GeneID** | 7050159 |
| **NCBI Accession #** | XP_002173396.1 |
| **UniProt Primary Accession #** | B6K1S2 |
| **UniProt Related Accession #** | B6K1S2 |

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| **GenBank Nucleotide #** | XM_002173360.2 |
| **NCBI Official Full Name** | 40S ribosomal protein S0 |
| **NCBI Official Symbol** | SJAG_02184 |
| **UniProt Protein Name** | 40S ribosomal protein S0-B |
| **Protein Family** | 40S ribosomal protein |
| **UniProt Gene Name** | rps0b |
| **NCBI Protein Information** | 40S ribosomal protein S0 |
| **UniProt Comments for rps0b** | Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. |
| **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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