# UPF0102 Protein RPA0323 (RPA0323) Rhodopseudomonas Palustris Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0102 protein RPA0323 (RPA0323), Recombinant Protein |
| **Full Product Name** | Recombinant Rhodopseudomonas palustris UPF0102 protein RPA0323 (RPA0323) |
| **Product Gene Name** | RPA0323 recombinant protein |
| **Product Synonym Gene Name** | RPA0323 |
| **Sequence** | MAKTDRSQPS VLARIAAFRT GLSAEASAAD YLERQGYRIL ARRFKTRCGE IDLVAQRDAL VAFVEVKARG NVDDAAYAVT PRQQSRIVAA AEAWLSRHPE HAMSELRFDA ILIAPNTAPR HLPGAFDATP |
| **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** | 14,260 Da |
| **Sequence Positions** | 1-130, 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 Q6NCZ4 |
| **Species** | Rhodopseudomonas palustris (strain BAA-98 / CGA009) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for RPA0323 recombinant protein** | MBS1279935 is a recombinant protein targeting RPA0323. Also known as Recombinant Rhodopseudomonas palustris UPF0102 protein RPA0323 (RPA0323). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of RPA0323 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 RPA0323. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499469251 |
| **NCBI Accession #** | WP_011155891.1 |
| **UniProt Primary Accession #** | Q6NCZ4 |
| **GenBank Nucleotide #** | WP_011155891.1 |
| **NCBI Official Full Name** | YraN family protein |
| **UniProt Protein Name** | UPF0102 protein RPA0323 |

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|---|---|
| **Protein Family** | UPF0102 protein |
| **UniProt Gene Name** | RPA0323 |
| **UniProt Comments for RPA0323** | Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciRPAL258594:G1GT2-334-MONOMER. |
| **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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