# Phosphoribosylformylglycinamidine Cyclo-Ligase (purM) Xanthomonas Campestris Pv. Vesicatoria Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Phosphoribosylformylglycinamidine cyclo-ligase (purM), Recombinant Protein |
| **Full Product Name** | Recombinant Xanthomonas campestris pv. vesicatoria Phosphoribosylformylglycinamidine cyclo-ligase (purM) |
| **Product Gene Name** | purM recombinant protein |
| **Product Synonym Gene Name** | purM |
| **Sequence** | MTYRDAGVDI DAGNALVERI KPLVKRSFRP EVMGGLGGFG ALFDLSGKYK EPVLVSGTDG VGTKLKLAQQ LGRHDTIGID LVGMCVNDVL VQGAEPLFFL DYFATGKLDV DTAAAVVGGI ARGCELSGCA LIGGETAEMP DMYPPGEYDL AGFTVGAVEK SQLLDGAQVR DGDVLIGIAS SGPHSNGYSL IRKIYERAGA PAEHVLDDGT KLIDALMAPT ALYVKPVLSL LKSHGEAIHA MAHITGGGLT ENIIRVIPQG LGLDIDATAW TLPPVFAWLQ REGAVADAEM WRTFNCGIGF VLIASLEQAA TLEQALDAQS LAHWRIGQVV PAHGDERVRI G |
| **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** | 35,987 Da |
| **Sequence Positions** | 1-341, 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 Q3BQX8 |
| **Species** | Xanthomonas campestris pv. vesicatoria (strain 85-10) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for purM recombinant protein** | MBS1470743 is a recombinant protein targeting purM. Also known as Recombinant Xanthomonas campestris pv. vesicatoria Phosphoribosylformylglycinamidine cyclo-ligase (purM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of purM 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 purM. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 119366345 |
| **NCBI Accession #** | Q3BQX8.1 |
| **UniProt Primary Accession #** | Q3BQX8 |

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| **NCBI Official Full Name** | Phosphoribosylformylglycinamidine cyclo-ligase |
| **UniProt Protein Name** | Phosphoribosylformylglycinamidine cyclo-ligase |
| **UniProt Synonym Protein Names** | AIR synthase |
| **Protein Family** | Phosphoribosylformylglycinamidine cyclo-ligase |
| **UniProt Gene Name** | purM |
| **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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