# Uracil Phosphoribosyltransferase (upp) Burkholderia Ambifaria Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Uracil phosphoribosyltransferase (upp), Recombinant Protein |
| **Full Product Name** | Recombinant Burkholderia ambifaria Uracil phosphoribosyltransferase (upp) |
| **Product Gene Name** | upp recombinant protein |
| **Product Synonym Gene Name** | upp |
| **Sequence** | MKQDSRFPNL FITDHPLIQH KLTHMRDKDT STRTFRELLR EITLLMGYEI TRNLPITTKR VETPLVAVDA PVIAGKKLAI VPVLRAGIGM SDGLLDLVPS ARVGHIGVYR AEDHRPVEYL VRLPDLEDRI FILCDPMVAT GYSAVHAVDV LKRRNVPAAN ITFVALVAAP EGVQVFQDAH PDVKLFVASL DSHLNEHAYI VPGLGDAGDR LFGTKN |
| **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** | 23,929 Da |
| **Sequence Positions** | 1-216, 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 Q0BD86 |
| **Species** | Burkholderia ambifaria (strain BAA-244 / AMMD) (Burkholderia cepacia (strain AMMD)) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for upp recombinant protein** | MBS1470832 is a recombinant protein targeting upp. Also known as Recombinant Burkholderia ambifaria Uracil phosphoribosyltransferase (upp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of upp 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 upp. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499976799 |
| **NCBI Accession #** | WP_011657517.1 |
| **UniProt Primary Accession #** | Q0BD86 |
| **GenBank Nucleotide #** | WP_011657517.1 |
| **NCBI Official Full Name** | uracil phosphoribosyltransferase |

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| **UniProt Protein Name** | Uracil phosphoribosyltransferase |
| **UniProt Synonym Protein Names** | UMP pyrophosphorylase |
| **Protein Family** | Putative uracil phosphoribosyltransferase |
| **UniProt Gene Name** | upp |
| **UniProt Comments for upp** | Catalyzes the conversion of uracil and 5-phospho-alpha-D-ribose 1-diphosphate (PRPP) to UMP and diphosphate. |
| **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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