# UPF0284 Protein Pcc7424_2681 (Pcc7424_2681) (PCC7424_2681) Cyanothece Sp. Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0284 protein PCC7424_2681 (PCC7424_2681), Recombinant Protein |
| **Full Product Name** | Recombinant Cyanothece sp. UPF0284 protein PCC7424_2681 (PCC7424_2681) |
| **Product Gene Name** | PCC7424_2681 recombinant protein |
| **Sequence** | MISIYTQPTL AQAWLQKYQG SCPIFALILG YTQTGLIPGI SAAGATPQDR QYTAIADAEF LVKGCVKTPQ YPLPPLNVGV SPVYISRAVI EAFNIPIYLF NAGLPDPPSV PFIDLEGIPA HCLSSGQALP LDKVYHLYTQ GVKWGEKLAL IAPKSYLMIG ECVVGGTTTA LAVLRGLGVD AAGKVNSSHP QCNHAQKWSV VQLGLQKLGT LSDIDPFRLV AAVGDPMQIV AAGMAIAASR TIGVMLAGGT QMLAVYALIK SIISHFQERA NLSQLVVGTT RWVAEDKSGD TIGLAQLIPN VPLLATQLNL NQSRYPQLQV YEQGYVKEGV GAGGCAIASY LYQGWTQQQL LNAIESLIAQ SVEIKIEHNS |
| **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** | 39,499 Da |
| **Sequence Positions** | 1-370, 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 B7KKX4 |
| **Species** | Cyanothece sp. (strain PCC 7424) (Synechococcus sp. (strain 29155)) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for PCC7424_2681 recombinant protein** | MBS1257832 is a recombinant protein targeting PCC7424_2681. Also known as Recombinant Cyanothece sp. UPF0284 protein PCC7424_2681 (PCC7424_2681). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of PCC7424_2681 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 PCC7424_2681. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 506434977 |
| **NCBI Accession #** | WP_015954694.1 |
| **UniProt Primary Accession #** | B7KKX4 |
| **GenBank Nucleotide #** | WP_015954694.1 |

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| **NCBI Official Full Name** | TIGR00303 family protein |
| **UniProt Protein Name** | UPF0284 protein PCC7424_2681 |
| **Protein Family** | UPF0284 protein |
| **UniProt Gene Name** | PCC7424_2681 |
| **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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