# Putative Phosphotransferase Nwmn_1466 (Nwmn_1466) (NWMN_1466) Staphylococcus Aureus Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Putative phosphotransferase NWMN_1466 (NWMN_1466), Recombinant Protein |
| **Full Product Name** | Recombinant Staphylococcus aureus Putative phosphotransferase NWMN_1466 (NWMN_1466) |
| **Product Gene Name** | NWMN_1466 recombinant protein |
| **Sequence** | MEKIKIIVAS DSIGETAELV ARAGISQFNP KQCKNELLRY PYIESFEDVD EVIQVAKDTN AIIVYTLIKP EMKQYMSEKV AEFQLKSVDI MGPLMDLLSA SVEEKPYNEP GIVHRLDDAY FKKIDAIEFA VKYDDGKDPK GLPKADIVLL GISRTSKTPL SQYLAHKSYK VMNVPIVPEV TPPDGLYDIN PKKCIALKIS EEKLNRIRKE RLKQLGLGDT ARYATEARIQ EELNYFEEIV SEIGCPVIDV SQKAIEETAN DIIHYIEQNK SK |
| **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** | 30,784 Da |
| **Sequence Positions** | 1-272, 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 A6QHA6 |
| **Species** | Staphylococcus aureus (strain Newman) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for NWMN_1466 recombinant protein** | MBS1259243 is a recombinant protein targeting NWMN_1466. Also known as Recombinant Staphylococcus aureus Putative phosphotransferase NWMN_1466 (NWMN_1466). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of NWMN_1466 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 NWMN_1466. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 446333444 |
| **NCBI Accession #** | WP_000411299.1 |
| **UniProt Primary Accession #** | A6QHA6 |
| **GenBank Nucleotide #** | WP_000411299.1 |
| **NCBI Official Full Name** | MULTISPECIES: phosphoenolpyruvate synthetase regulatory protein |

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| **UniProt Protein Name** | Putative pyruvate, phosphate dikinase regulatory protein |
| **UniProt Gene Name** | NWMN_1466 |
| **UniProt Synonym Gene Names** | PPDK regulatory protein |
| **UniProt Comments for NWMN_1466** | Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the pyruvate, phosphate dikinase (PPDK) by catalyzing its phosphorylation/dephosphorylation. |
| **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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