# Methionine Import ATP-Binding Protein Metn 2 (metN2) Burkholderia Ambifaria Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Methionine import ATP-binding protein MetN 2 (metN2), Recombinant Protein |
| **Full Product Name** | Recombinant Burkholderia ambifaria Methionine import ATP-binding protein MetN 2 (metN2) |
| **Product Gene Name** | metN2 recombinant protein |
| **Product Synonym Gene Name** | metN2 |
| **Sequence** | MTQLFDTLGF IETSAVRAGA AARDAHGAHQ EAATRADVAA VSLVHVGKVF ATPRGHAAAL RDVTFDVRRG EVFGIIGRSG AGKSTLLRLV NGLERPSSGS VRVQGVDVGA LDEDGLVALR RRTGMVFQHF NLLSAKTVFE NVALPLKIAG VPKAERTRKV DALLDLVGLA AKRDAYPASL SGGQKQRVGI ARALVHDPEV LLCDEATSAL DPETTQSILA LLADINRRLG LTIVLITHEM EVIRAVCDTV AVIEQGELVE TGPVWRVFGD PRHGATRALL STLVHDLPAE LAARVQPLPE QAALPDGAQV VLDVRYTGES GGEPDVGALA AALGGSVRFL HGGIERIQGH AQGRLVIAAS PGQSLAHGGA VAALLERARR HANHAEVLGY V |
| **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** | 41,073 Da |
| **Sequence Positions** | 1-391, 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 Q0B6I6 |
| **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 metN2 recombinant protein** | MBS1312766 is a recombinant protein targeting metN2. Also known as Recombinant Burkholderia ambifaria Methionine import ATP-binding protein MetN 2 (metN2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of metN2 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 metN2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499978925 |
| **NCBI Accession #** | WP_011659643.1 |
| **UniProt Primary Accession #** | Q0B6I6 |

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| **GenBank Nucleotide #** | WP_011659643.1 |
| **NCBI Official Full Name** | methionine import ATP-binding protein MetN 2 |
| **UniProt Protein Name** | Methionine import ATP-binding protein MetN 2 |
| **Protein Family** | Methionine import ATP-binding protein |
| **UniProt Gene Name** | metN2 |
| **UniProt Comments for metN2** | Part of the ABC transporter complex MetNIQ involved in methionine import. Responsible for energy coupling to the transport system. |
| **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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