# UPF0042 Nucleotide-Binding Protein Spym3_0462 (Spym3_0462) (SpyM3_0462) Streptococcus Pyogenes Serotype M3 Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0042 nucleotide-binding protein SpyM3_0462 (SpyM3_0462), Recombinant Protein |
| **Full Product Name** | Recombinant Streptococcus pyogenes serotype M3 UPF0042 nucleotide-binding protein SpyM3_0462 (SpyM3_0462) |
| **Product Gene Name** | SpyM3_0462 recombinant protein |
| **Sequence** | MSDKHINLVI VTGMSGAGKT VAIQSFEDLG YFTIDNMPPA LVPKFLELIE QTNENRRVAL VVDMRSRLFF KEINSTLDSI ESNPSIDFRI LFLDATDGEL VSRYKETRRS HPLAADGRVL DGIRLERELL SPLKSMSQHV VDTTKLTPRQ LRKTISDQFS EGSNQASFRI EVMSFGFKYG LPLDADLVFD VRFLPNPYYQ VELREKTGLD EDVFNYVMSH PESEVFYKHL LNLIVPILPA YQKEGKSVLT VAIGCTGGQH RSVAFAHCLA ESLATDWSVN ESHRDQNRRK ETVNRS |
| **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** | 33,587 Da |
| **Sequence Positions** | 1-296, 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 P0DG76 |
| **Species** | Streptococcus pyogenes serotype M3 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for SpyM3_0462 recombinant protein** | MBS1257731 is a recombinant protein targeting SpyM3_0462. Also known as Recombinant Streptococcus pyogenes serotype M3 UPF0042 nucleotide-binding protein SpyM3_0462 (SpyM3_0462). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of SpyM3_0462 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 SpyM3_0462. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 489075485 |
| **NCBI Accession #** | WP_002985434.1 |
| **UniProt Primary Accession #** | P0DG76 |

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| **UniProt Secondary Accession #** | P67114; Q9A0R8 |
| **GenBank Nucleotide #** | WP_002985434.1 |
| **NCBI Official Full Name** | RNase adaptor protein RapZ |
| **UniProt Protein Name** | Nucleotide-binding protein SpyM3_0462 |
| **Protein Family** | Nucleotide-binding protein |
| **UniProt Gene Name** | SpyM3_0462 |
| **UniProt Comments for SpyM3_0462** | Displays ATPase and GTPase activities. |
| **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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