# ATP-Dependent RNA Helicase Mak5 (Mak5), Partial (mak5) Emericella Nidulans Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | ATP-dependent RNA helicase mak5 (mak5), partial, Recombinant Protein |
| **Full Product Name** | Recombinant Emericella nidulans ATP-dependent RNA helicase mak5 (mak5), partial |
| **Product Gene Name** | mak5 recombinant protein |
| **Product Synonym Gene Name** | mak5; AN1750 |
| **Product Synonym Names** | ATP-dependent RNA helicase mak5; EC=3.6.4.13 |
| **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** | 85,296 Da |
| **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 Q5BCI0 |
| **Species** | Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for mak5 recombinant protein** | MBS1338208 is a recombinant protein targeting mak5. Also known as Recombinant Emericella nidulans ATP-dependent RNA helicase mak5 (mak5), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of mak5 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 mak5. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 67522587 |
| **NCBI GeneID** | 2875695 |
| **NCBI Accession #** | XP_659354.1 |
| **UniProt Primary Accession #** | Q5BCI0 |
| **UniProt Secondary Accession #** | C8VP52 |
| **UniProt Related Accession #** | Q5BCI0 |
| **GenBank Nucleotide #** | XM_654262.1 |

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| **NCBI Official Full Name** | hypothetical protein AN1750.2 |
| **NCBI Official Symbol** | AN1750.2 |
| **UniProt Protein Name** | ATP-dependent RNA helicase mak5 |
| **Protein Family** | ATP-dependent RNA helicase |
| **UniProt Gene Name** | mak5 |
| **UniProt Entry Name** | MAK5_EMENI |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for mak5** | ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal subunits and is required for the normal formation of 25S and 5.8S rRNAs. |
| **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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