# DNA-Directed RNA Polymerase Subunit Beta'' (rpoC2) Nymphaea Alba Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | DNA-directed RNA polymerase subunit beta"(rpoC2), Recombinant Protein |
| **Full Product Name** | Recombinant Nymphaea alba DNA-directed RNA polymerase subunit beta"(rpoC2), partial |
| **Product Gene Name** | rpoC2 recombinant protein |
| **Product Synonym Gene Name** | rpoC2 |
| **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** | 157,965 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 Q6EW58 |
| **Species** | Nymphaea alba (White water-lily) (Castalia alba) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rpoC2 recombinant protein** | MBS1415342 is a recombinant protein targeting rpoC2. Also known as Recombinant Nymphaea alba DNA-directed RNA polymerase subunit beta"(rpoC2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rpoC2 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 rpoC2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 126165899 |
| **NCBI GeneID** | 2896157 |
| **NCBI Accession #** | YP_053145.2 |
| **UniProt Primary Accession #** | Q6EW58 |
| **GenBank Nucleotide #** | NC_006050.1 |
| **NCBI Official Full Name** | RNA polymerase beta" subunit (chloroplast) |
| **NCBI Official Symbol** | rpoC2 |
| **UniProt Protein Name** | DNA-directed RNA polymerase subunit beta" |

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| **UniProt Synonym Protein Names** | PEP |
| **Protein Family** | DNA-directed RNA polymerase |
| **UniProt Gene Name** | rpoC2 |
| **UniProt Synonym Gene Names** | RNA polymerase subunit beta'' |
| **NCBI Protein Information** | RNA polymerase beta'' chain |
| **UniProt Comments for rpoC2** | DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. |
| **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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