# Protein PET20, Mitochondrial (PET20) Candida Glabrata Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Protein PET20, mitochondrial (PET20), Recombinant Protein |
| **Full Product Name** | Recombinant Candida glabrata Protein PET20, mitochondrial (PET20) |
| **Product Gene Name** | PET20 recombinant protein |
| **Product Synonym Gene Name** | PET20; CAGL0M02101g |
| **Product Synonym Names** | Protein PET20, mitochondrial |
| **Sequence** | SSFSFP SSQSLLQKGQ LGKKKRSVRK LGLGISDKKQ YNSGVTSAAQ EAGGAVRDLK SEKAQTKKKV YDYSTLPRVE QISDTKLKNM STEVLYSGYR PLFFDVEPKN SQEGKTLYEF AMKLEEFQEA MSPWVSSATG SEMYAEWDNV PGDVIKDLKP FTPPVVNSRK LNGATGENAN DFDEQGNFQK KAFFDKVQSI LNRNGKGGRK RPGVTVLKHL KKLKEQN |
| **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** | 29,928 Da |
| **Sequence Positions** | 45-267aa; 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 Q6FK07 |
| **Species** | Candida glabrata (strain 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for PET20 recombinant protein** | MBS1409244 is a recombinant protein targeting PET20. Also known as Recombinant Candida glabrata Protein PET20, mitochondrial (PET20). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of PET20 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 PET20. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 50294051 |
| **NCBI GeneID** | 2891763 |
| **NCBI Accession #** | XP_449437.1 |
| **UniProt Primary Accession #** | Q6FK07 |

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| **UniProt Related Accession #** | Q6FK07 |
| **GenBank Nucleotide #** | XM_449437.1 |
| **NCBI Official Full Name** | hypothetical protein |
| **NCBI Official Symbol** | CAGL0M02101g |
| **UniProt Protein Name** | Protein PET20, mitochondrial |
| **Protein Family** | Protein |
| **UniProt Gene Name** | PET20 |
| **UniProt Entry Name** | PET20_CANGA |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for PET20** | Required for respiratory growth, stability of the mitochondrial genome and for proper assembly or maintenance of mitochondrial proteins. |
| **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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| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

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