# Prefoldin Subunit 2 (pdf-2) Caenorhabditis Elegans Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Prefoldin subunit 2 (pdf-2), Recombinant Protein |
| **Full Product Name** | Recombinant Caenorhabditis elegans Prefoldin subunit 2 (pdf-2) |
| **Product Gene Name** | pdf-2 recombinant protein |
| **Product Synonym Gene Name** | pdf-2 |
| **Sequence** | MSAAQTAAAT PAEQEEQRKV VEKFKALRDQ QQDIAAEVTR IEEERREFGR VLEVIKDLEP DQKCFRLISD TLVEYTVKDV IPDLQNNIAN LTIVSKQLND QLVEKGKELN THKTTHNIRL LTEKESAELR KAEALGQLPK A |
| **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** | 16,050 Da |
| **Sequence Positions** | 1-141, Full length |
| **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 Q9N5M2 |
| **Species** | Caenorhabditis elegans |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for pdf-2 recombinant protein** | MBS1353098 is a recombinant protein targeting pdf-2. Also known as Recombinant Caenorhabditis elegans Prefoldin subunit 2 (pdf-2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of pdf-2 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 pdf-2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 17534721 |
| **NCBI GeneID** | 173768 |
| **NCBI Accession #** | NP_494764.1 |
| **UniProt Primary Accession #** | Q9N5M2 |
| **UniProt Related Accession #** | Q9N5M2 |
| **GenBank Nucleotide #** | NM_062363.5 |

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| **NCBI Official Full Name** | Prefoldin subunit 2 |
| **NCBI Official Symbol** | pfd-2 |
| **UniProt Protein Name** | Prefoldin subunit 2 |
| **UniProt Gene Name** | pfd-2 |
| **NCBI Protein Information** | Prefoldin subunit 2 |
| **UniProt Comments for pdf-2** | Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative 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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