# Pentatricopeptide Repeat-Containing Protein At3g18110, Chloroplastic (EMB1270) Arabidopsis Thaliana Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Pentatricopeptide repeat-containing protein At3g18110, chloroplastic (EMB1270), Recombinant Protein |
| **Full Product Name** | Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At3g18110, chloroplastic (EMB1270) , partial |
| **Product Gene Name** | EMB1270 recombinant protein |
| **Product Synonym Gene Name** | EMB1270 |
| **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** | 162,337 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 Q5G1S8 |
| **Species** | Arabidopsis thaliana (Mouse-ear cress) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for EMB1270 recombinant protein** | MBS1471810 is a recombinant protein targeting EMB1270. Also known as Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At3g18110, chloroplastic (EMB1270) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of EMB1270 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 EMB1270. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 334185431 |
| **NCBI GeneID** | 821336 |
| **NCBI Accession #** | NP_188439.2 |
| **UniProt Primary Accession #** | Q5G1S8 |
| **UniProt Secondary Accession #** | Q9LV30; B6VCZ6 |
| **UniProt Related Accession #** | Q5G1S8 |

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| **GenBank Nucleotide #** | NM_112693.4 |
| **NCBI Official Full Name** | Pentatricopeptide repeat (PPR) superfamily protein |
| **NCBI Official Symbol** | EMB1270 |
| **NCBI Official Synonym Symbols** | embryo defective 1270 |
| **UniProt Protein Name** | Pentatricopeptide repeat-containing protein At3g18110, chloroplastic |
| **UniProt Synonym Protein Names** | Protein EMBRYO DEFECTIVE 1270 |
| **Protein Family** | Pentatricopeptide repeat-containing protein |
| **UniProt Gene Name** | EMB1270 |
| **NCBI Protein Information** | Pentatricopeptide repeat (PPR) superfamily protein |
| **UniProt Comments for EMB1270** | May play a role in embryogenesis. |
| **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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