# Peptidyl-Prolyl Cis-Trans Isomerase FKBP16-4, Chloroplastic (FKBP16-4) Arabidopsis Thaliana Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Peptidyl-prolyl cis-trans isomerase FKBP16-4, chloroplastic (FKBP16-4), Recombinant Protein |
| **Full Product Name** | Recombinant Arabidopsis thaliana Peptidyl-prolyl cis-trans isomerase FKBP16-4, chloroplastic (FKBP16-4) , partial |
| **Product Gene Name** | FKBP16-4 recombinant protein |
| **Product Synonym Gene Name** | FKBP16-4 |
| **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** | 24,504 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 Q9SR70 |
| **Species** | Arabidopsis thaliana (Mouse-ear cress) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for FKBP16-4 recombinant protein** | MBS1470430 is a recombinant protein targeting FKBP16-4. Also known as Recombinant Arabidopsis thaliana Peptidyl-prolyl cis-trans isomerase FKBP16-4, chloroplastic (FKBP16-4) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of FKBP16-4 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 FKBP16-4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15232828 |
| **NCBI GeneID** | 820167 |
| **NCBI Accession #** | NP_187617.1 |
| **UniProt Primary Accession #** | Q9SR70 |
| **UniProt Related Accession #** | Q9SR70 |
| **GenBank Nucleotide #** | NM_111841.5 |
| **NCBI Official Full Name** | FKBP-like peptidyl-prolyl cis-trans isomerase family protein |

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| **NCBI Official Symbol** | AT3G10060 |
| **UniProt Protein Name** | Peptidyl-prolyl cis-trans isomerase FKBP16-4, chloroplastic |
| **UniProt Synonym Protein Names** | FK506-binding protein 16-4; AtFKBP16-4; Immunophilin FKBP16-4; Rotamase |
| **Protein Family** | Peptidyl-prolyl cis-trans isomerase |
| **UniProt Gene Name** | FKBP16-4 |
| **UniProt Synonym Gene Names** | FKBP24-2; PPIase FKBP16-4; AtFKBP16-4 |
| **NCBI Protein Information** | FKBP-like peptidyl-prolyl cis-trans isomerase family protein |
| **UniProt Comments for FKBP16-4** | PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (). |
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