

# PsbP domain-containing protein 4, chloroplastic (PPD4), Recombinant Protein

Cat      *RP01831*

Size      0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana PsbP domain-containing protein 4, chloroplastic (PPD4)

## Product Gene Name

PPD4 recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

AVVKQGLLAG RVPGLSEPDE EGWRTYRRPD EKSGGHGVGW SPIIPYAFSV PQDWNEVPVS IADLGGTEID  
LRFASPKEGR LSVIVAPVLR FADNLGDDVK IENIGQPAKV INAFGPEVIG ENVEGKVLSS NVAEHDGRLY  
YQFELEPPHV LITATAAGNR LYLFSVTGNG LQWKRHYKDL KRIASSFRIV

## Sequence Positions

71-260, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

28,501 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

PsbP domain-containing protein

## NCBI Accession #

NP\_565149.2

## NCBI GI #

30699237

## NCBI GenBank Nucleotide #

NM\_106359.5

## NCBI GeneID

844043

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat      *RP01831*

Size      0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

## NCBI Official Full Name

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-thylakoid luminal protein (Mog1/PsbP/DUF1795-like photosystem II reaction center PsbP family protein))

## NCBI Official Symbol

AT1G77090

## NCBI Official Synonym Symbols

F22K20.16; F22K20\_16

## NCBI Protein Information

thylakoid luminal protein (Mog1/PsbP/DUF1795-like photosystem II reaction center PsbP family protein)

## UniProt Gene Name

PPD4

## UniProt Protein Name

PsbP domain-containing protein 4, chloroplastic

## UniProt Synonym Protein Names

OEC23-like protein 5

## UniProt Primary Accession #

O49292

## UniProt Secondary Accession #

Q94JX3

## UniProt Related Accession #

O49292

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