

# Pentatricopeptide repeat-containing protein At2g02980 (PCMP-H26), Recombinant Protein

Cat RP08759

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At2g02980 (PCMP-H26) , partial

## Product Gene Name

PCMP-H26 recombinant protein

## Product Synonym Gene Name

PCMP-H26

## Purity

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

## Format

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

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

68,170 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

Pentatricopeptide repeat-containing protein

## NCBI Accession #

NP\_178398.1

## NCBI GI #

15227067

## NCBI GenBank Nucleotide #

NM\_126350.3

## NCBI GenID

814827

## NCBI Official Full Name

Pentatricopeptide repeat (PPR) superfamily protein

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Pentatricopeptide repeat-containing protein At2g02980 (PCMP-H26), Recombinant Protein

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## NCBI Official Symbol

OTP85

## NCBI Official Synonym Symbols

ORGANELLE TRANSCRIPT PROCESSING 85; T17M13.15; T17M13\_15

## NCBI Protein Information

Pentatricopeptide repeat (PPR) superfamily protein

## NCBI Summary

Encodes a chloroplast RNA editing factor.

## UniProt Gene Name

PCMP-H26

## UniProt Protein Name

Pentatricopeptide repeat-containing protein At2g02980, chloroplastic

## UniProt Synonym Protein Names

Protein ORGANELLE TRANSCRIPT PROCESSING 85

## UniProt Primary Accession #

Q8LK93

## UniProt Secondary Accession #

O80613

## UniProt Related Accession #

Q8LK93

## UniProt Comments

Involved in RNA editing event in chloroplasts. Required for the editing of a single site in *ndhD* transcript, which is a plastid-encoded subunits of the chloroplast NAD(P)H dehydrogenase (NDH) complex. Not essential for the activity of the NDH complex of the photosynthetic electron transport chain.

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