

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

Cat *RP08759*

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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