

RNA pseudourine synthase 6, chloroplastic (Os07g0660400, LOC_Os07g46600), Recombinant Protein

Cat *RP14142*

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

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

Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica RNA pseudourine synthase 6, chloroplastic (Os07g0660400, LOC_Os07g46600)

Product Gene Name

Os07g0660400 recombinant protein

Purity

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

Sequence

AAAVSTSAAT VEAPATAAYP VYGRLLPCPL QDDPPRIEHL VAREDEVAVD FISRLTLPP LYVADLIKFG
AVYYALVAPQ PPPHAAPEHV RIFREVTEPS VLCRRKSIKG KTVREAQKTF RVTDPNQRLE AGTYLRVHVH
PKRFRPCYEI DWKSRVIAVT DNYVVLDKPA ATSVGGATDN IEESC VVFTS RALGLETPLM TTHQIDNCSE
GCVVLSKTKE FCSVFHGMIR EKQV NKRYLA LTTAPVSTGI ITHYMRPINR APRLVSEDHI KGWHVCQMEI
LDCKKVPWPS SLIRKVHKVD NCGWPQQEAA YECKINLLTG KTHQIRAQLA AIGTPIVGDS AYMTAAMAAI
VNPSINPFGR WGQNYDSEDE KAAAVEAWIS CHGKEPKSVI GLQASEISWD YEGEHHSYKA GVPWWRQDAV
ESDLI

Sequence Positions

53-477, 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

44,479 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

RNA pseudouridine synthase

NCBI Accession

XP_015647803.1

NCBI GI

1002286992

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GenBank Nucleotide # XM_015792317.1

NCBI GenelD

4344176

NCBI Official Full Name

RNA pseudouridine synthase 6, chloroplastic isoform X2

NCBI Official Symbol

LOC4344176

NCBI Official Synonym Symbols

OsJ_024448

NCBI Protein Information

RNA pseudouridine synthase 6, chloroplastic; putative cis-zeatin O-glucosyltransferase

UniProt Gene Name

Os07g0660400

UniProt Protein Name

RNA pseudouridine synthase 6, chloroplastic

UniProt Synonym Protein Names

RNA pseudouridylate synthase 6; RNA-uridine isomerase 6

UniProt Primary Accession

A3BN26

UniProt Secondary Accession

Q7EZZ2

UniProt Related Accession

A3BN26

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