

# RNA pseudourine synthase 3, mitochondrial (Os08g0520100, LOC\_Os08g40860), Recombinant Protein

Cat *RP14281*

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*)  
Species *Oryza sativa* subsp. *japonica* (*Rice*)

## Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* RNA pseudourine synthase 3, mitochondrial (Os08g0520100, LOC\_Os08g40860)

## Product Gene Name

Os08g0520100 recombinant protein

## Product Synonym Gene Name

Os08g0520100; LOC\_Os08g40860

## Purity

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

## Sequence

SRLAPPAPAE ADPVVVRVDG SNVARLGKPK PGPRPRQLLS LPPFPGGGDG DPLPGRKAAA PRRVTAVSWV  
KHYLADVPQE VVQAHFNKRL VYSECSDEHV SVETIKSQKH HLKIKHNDV MEPGMRIHLP VSVAEAGEIKK  
RYETIPTATL HPNKDEIEYL RRLVIHKDSA ILVLNKPPKV PMKGNLPVHN SMDVLAAAAL SYGNEEGPKL  
VHRLDRESSG LLLFGRTKES FTRLHWLFTS VNLAKTNSQV WNAACEAYMQ RYWALVIGTP KEREIISAP  
LSKVLDDGK AERVILAHPS GIDGAQEAVT AYRVMGPTIH GCSWIELRPL TGRKHQLRVH CAEALGTPIV  
GDYKYGWFVH QRWKQNPQPD FEPFTGEPYK LRRPEGLEIQ KGSVLSKVPL LHLHCREMVI PNIKFLSSN  
GEWHENGAPW SKEKPNLLRF IAPMPAHMKI SWNIMSSYLV

## Sequence Positions

16-475, 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

53,324 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.

## NCBI Accession #

XP\_015650456.1

## NCBI GI #

1002292230

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat RP14281

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)  
NCBI GenBank Nucleotide #  
XM\_015794970.1

## NCBI GeneID

4346062

## NCBI Official Full Name

RNA pseudouridine synthase 3, mitochondrial isoform X2

## NCBI Official Symbol

LOC4346062

## NCBI Official Synonym Symbols

OJ1003\_A09.10; OJ1003\_A09.9/OJ1003\_A09.10

## NCBI Protein Information

RNA pseudouridine synthase 3, mitochondrial

## UniProt Gene Name

Os08g0520100

## UniProt Protein Name

RNA pseudouridine synthase 3, mitochondrial

## UniProt Synonym Protein Names

RNA pseudouridylate synthase 3; RNA-uridine isomerase 3

## UniProt Primary Accession #

Q0J4D4

## UniProt Secondary Accession #

Q6YZW4; Q6YZW5; A0A0P0XHV8

## UniProt Related Accession #

Q0J4D4

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