

RNA pseudourine synthase 5 (Os03g0288500, LOC_Os03g17920), Recombinant Protein

Cat *RP14130*

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)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
Oryza sativa subsp. japonica (Rice)

Species

Full Product Name

Recombinant Oryza sativa subsp. japonica RNA pseudourine synthase 5 (Os03g0288500, LOC_Os03g17920)

Product Gene Name

Os03g0288500 recombinant protein

Product Synonym Gene Name

Os03g0288500; LOC_Os03g17920

Purity

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

Sequence

MTAAAAAGEI PAEDAPPPGA LYSFGTPWPE FNEGISYIDT FRCADAGATT TLIEFYSTSY KSSAPLPGWI
KRIRDGQITV DGEVATDPDM ILREGSKLVY HRLPWQEPFA PHLLDVLYED DDMIALNKPS GLQVLPKGLF
QQRTVLAQLQ LKDWKMPSSF CSKRKDAQSH PVPVHRLGRG TSGLLCAKT KLAKAQLAAY FAEGATNAGK
SRDETDICKA RKISKFYRAL VTGILENDEV MITQPIGLVR YPGVAEGLYA ACSSGKPAMS KVRVLERLKI
HNHTLIQVEI HSGRPHQIRI HLAYIGHPLV DDPLYGIGGQ PKFDEPEPTS TADSFAYDGG YERPLQPVP
DCGYHLHAHW LVLCHPTTNE MIKITAPLPH ILQTREEQQD TAKLLGG

Sequence Positions

1-397, 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

43,696 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_015631154.1

NCBI GI

1002253820

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

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

NCBI GenBank Nucleotide

XM_015775668.1

NCBI GeneID

4332490

NCBI Official Full Name

RNA pseudouridine synthase 5

NCBI Official Symbol

LOC4332490

NCBI Official Synonym Symbols

OsJ_010020

NCBI Protein Information

RNA pseudouridine synthase 5

UniProt Gene Name

Os03g0288500

UniProt Protein Name

RNA pseudouridine synthase 5

UniProt Synonym Protein Names

RNA pseudouridylate synthase 5; RNA-uridine isomerase 5

UniProt Primary Accession

Q0DST9

UniProt Secondary Accession

Q10MZ8

UniProt Related Accession

Q0DST9

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