

Ribose-phosphate pyrophosphokinase 2, chloroplastic (Os06g0617800, LOC_Os06g41360), Recombinant Protein

Cat *RP14136*

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

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

Full Product Name

Recombinant Oryza sativa subsp. japonica Ribose-phosphate pyrophosphokinase 2, chloroplastic
(Os06g0617800, LOC_Os06g41360)

Product Gene Name

Os06g0617800 recombinant protein

Product Synonym Gene Name

Os06g0617800; LOC_Os06g41360

Purity

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

Sequence

CVMGSEQVRV VVEEEGKTKK RMGVAEPRSA PPAVWTPRAP AQEARLAALR TDGRDSRLKI FSGTANRPLA
QEIASYLQVD LGKVLKRFA DGEIYVQLQE SVRGCDVFLV QPTCSPVNEN LMELFVMIDA CRRASARSIT
VVIYFGYAR ADRKAQGRE AITAKLSANLL TEAGSDRVIV CDIHSTQALG YFDIPVDHIH GQPVILDYLA
SKTISKDLVV VSPDVGGVVR ARAFAKKLSD APLAIVDKRR QGHNMSEVMH LIGDVKGKVA IMVDDMIDTA
GTITSAAALL KQEGAEAVYA CSTHAVFSPP AIERLSGGIF EEVITNSIL LPEHKCFPQL TVLSMANLVA
ETIWHVHRDG SVSSIFQ

Sequence Positions

33-399, 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

42,274 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_015644180.1

NCBI GI

1002279721

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_015788694.1

NCBI GeneID

4341535

NCBI Official Full Name

ribose-phosphate pyrophosphokinase 2, chloroplastic isoform X1

NCBI Official Symbol

LOC4341535

NCBI Protein Information

ribose-phosphate pyrophosphokinase 2, chloroplastic

UniProt Gene Name

Os06g0617800

UniProt Protein Name

Ribose-phosphate pyrophosphokinase 2, chloroplastic

UniProt Synonym Protein Names

Phosphoribosyl pyrophosphate synthase 2

UniProt Primary Accession

Q69XQ6

UniProt Secondary Accession

Q69XQ7

UniProt Related Accession

Q69XQ6

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