

# Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic (Os03g0617900, LOC\_Os03g42110), Recombinant Protein

Cat RP14284

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)

## Species<sup>Cell</sup>

Oryza sativa subsp. japonica (Rice)

## Full Product Name

Recombinant Oryza sativa subsp. japonica Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic (Os03g0617900, LOC\_Os03g42110)

## Product Gene Name

Os03g0617900 recombinant protein

## Product Synonym Gene Name

Os03g0617900; LOC\_Os03g42110

## Purity

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

## Sequence

IAVLGASGYT GAEIVRLLAN HPQFRIKVM TADRKAGEQFG SVFPHLITQD LPNLVAVKDA DFSNVDAVFC CLPHGTTQEI IKGLPQELKI VDLSADFRLR DINEYAEWYG HSHRAPELQQ EAVYGLTEVL RNEIRNARLV ANPGCYPTSI QLPLVPLIKA KLIKVSNI III DAKSGVSGAG RGAKEANLYT EIAEGIHAYG IKGHRHVPEI EQGLSEAAES KVTISFTPNL ICMKRGMQST MFVEMAPGVT ANDLYQHLKS TYEGEEFVKL LNGSSVPHTR HVVGSNYCFM NVFEDRIPGR AIIISVIDNL VKGASGQAVQ NLNLMMLPE NTGLQYQPLF P

## Sequence Positions

75-415, 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

44,786 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\_015632676.1

## NCBI GI #

1002256736

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI GenBank Nucleotide #

XM\_015777190.1

## NCBI GeneID

4333458

## NCBI Official Full Name

probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic

## NCBI Official Symbol

LOC4333458

## NCBI Official Synonym Symbols

AGPR

## NCBI Protein Information

probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic

## UniProt Gene Name

Os03g0617900

## UniProt Synonym Gene Names

AGPR; NAGSA dehydrogenase

## UniProt Protein Name

Probable N-acetyl-gamma-glutamyl-phosphate reductase, chloroplastic

## UniProt Synonym Protein Names

N-acetyl-glutamate semialdehyde dehydrogenase; NAGSA dehydrogenase

## UniProt Primary Accession #

Q6AV34

## UniProt Secondary Accession #

Q10GQ5

## UniProt Related Accession #

Q6AV34

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