

# Asparagine synthetase [glutamine-hydrolyzing] (ASN1), Recombinant Protein

Cat RP10436

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## Species

Zea mays (Maize)

## Full Product Name

Recombinant Zea mays Asparagine synthetase [glutamine-hydrolyzing] (ASN1), partial

## Product Gene Name

ASN1 recombinant protein

## Purity

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

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

66,578 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 #

P49094.2

## NCBI GI #

1351989

## NCBI GenID

542435

## NCBI Official Full Name

Asparagine synthetase

## NCBI Official Symbol

asn1

## NCBI Official Synonym Symbols

AS; AsnS1; GRMZM2G074589

## NCBI Protein Information

asparagine synthetase [glutamine-hydrolyzing]

## UniProt Gene Name

ASN1

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Asparagine synthetase [glutamine-hydrolyzing] (ASN1), Recombinant Protein

Cat *RP10436*

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## UniProt Synonym Gene Names

AS

## UniProt Protein Name

Asparagine synthetase [glutamine-hydrolyzing]

## UniProt Synonym Protein Names

Glutamine-dependent asparagine synthetase

## UniProt Primary Accession #

P49094

## UniProt Related Accession #

P49094

## UniProt Comments

Essential for nitrogen assimilation, distribution and remobilization within the plant via the phloem.

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