

# Phenylalanine ammonia-lyase, partial, Recombinant Protein

Cat RP15406

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## Species

*Ipomoea batatas* (Sweet potato) (*Convolvulus batatas*)

## Full Product Name

Recombinant *Ipomoea batatas* Phenylalanine ammonia-lyase, partial

## Product Synonym Names

Phenylalanine ammonia-lyase; EC=4.3.1.24

## 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

77,383 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 #

Q42858.1

## NCBI GI #

3024361

## NCBI Official Full Name

Phenylalanine ammonia-lyase

## UniProt Protein Name

Phenylalanine ammonia-lyase

## UniProt Entry Name

PAL2\_IPOBA

## UniProt Primary Accession #

Q42858

## UniProt Comments

This is a key enzyme of plant metabolism catalyzing the first reaction in the biosynthesis from L-phenylalanine of a wide variety of natural products based on the phenylpropane skeleton.

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**