

Alpha-glucan phosphorylase, H isozyme (LOC102577532), Recombinant Protein

Cat *RP15302*

Species

Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Alpha-glucan phosphorylase, H isozyme, partial

Product Gene Name

LOC102577532 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

95,112 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

Alpha-glucan phosphorylase

NCBI Accession

NP_001275118.1

NCBI GI

568215393

NCBI GenBank Nucleotide

NM_001288189.1

NCBI GeneID

102577532

NCBI Official Full Name

alpha-glucan phosphorylase, H isozyme

NCBI Official Symbol

LOC102577532

NCBI Official Synonym Symbols

glgP

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP15302*

NCBI Protein Information

alpha-glucan phosphorylase, H isozyme

UniProt Protein Name

Alpha-glucan phosphorylase, H isozyme

UniProt Synonym Protein Names

Starch phosphorylase H

UniProt Primary Accession

P32811

UniProt Related Accession

P32811

UniProt Comments

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

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