

Alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic, partial, Recombinant Protein

Cat *RP15300*

Species

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

Full Product Name

Recombinant *Ipomoea batatas* Alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic, partial

Product Synonym Names

Alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic; EC=2.4.1.1; Starch phosphorylase L

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

108,520 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

P27598.1

NCBI GI

130172

NCBI Official Full Name

Alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic

UniProt Protein Name

Alpha-1,4 glucan phosphorylase L isozyme, chloroplastic/amyloplastic

UniProt Synonym Protein Names

Starch phosphorylase L

UniProt Entry Name

PHSL_IPOBA

UniProt Primary Accession

P27598

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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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