

Granule-bound starch synthase 1, chloroplastic/amyloplastic (WAXY), Recombinant Protein

Cat *RP11340*

Species

Oryza sativa subsp. *indica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *indica* Granule-bound starch synthase 1, chloroplastic/amyloplastic (WAXY), partial

Product Gene Name

WAXY 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

66,476 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

A2Y8X2.2

NCBI GI

158513173

NCBI Official Full Name

Granule-bound starch synthase 1, chloroplastic/amyloplastic

UniProt Gene Name

WAXY

UniProt Synonym Gene Names

WX; WX-B; GBSS-I

UniProt Protein Name

Granule-bound starch synthase 1, chloroplastic/amyloplastic

UniProt Synonym Protein Names

Granule-bound starch synthase I; GBSS-I; Allergen: *Ory s* GBSS_I

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Granule-bound starch synthase 1, chloroplastic/amyloplastic (WAXY), Recombinant Protein

Cat *RP11340*

A2Y8X2

UniProt Secondary Accession

P19395; Q1ZZT5; Q43012; Q43013; Q71F57; Q8GZD6; Q8S9C4; Q94LY7; Q9S7R1; Q9S7U4

UniProt Comments

Required for the synthesis of amylose in endosperm.

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