

Sucrose synthase, Recombinant Protein

Cat RP15271

Size 0.5 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.5 mg (Yeast)/ 0.05 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg

(Yeast)/ 0.1 mg (Mammalian-Cell)/ 0.5 mg (Baculovirus)/ 1 mg (Baculovirus)
Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Sucrose synthase, partial

Purity

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

Sequence

GIDVFDPKFN IVSPGADVNL YFPYSEKEKR LTTFHPEIED LLFSDVENEE HLCVLKDRNK PIIFTMARLD
RVKNTGLVE WYAKNPRLRE LVNLVVVGGD RRKESKDL EE QAEMKKMYEL IKTHNLNGQF RWISSQMNRV
RNGELYRYIA DTRGAFVQPA

Sequence Positions

511-670, Partial.

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

92,578 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.

Protein Family

Sucrose synthase

NCBI Accession

P49039.1

NCBI GI

1351137

NCBI Official Full Name

Sucrose synthase

UniProt Protein Name

Sucrose synthase

UniProt Synonym Protein Names

SS65; Sucrose-UDP glucosyltransferase

UniProt Primary Accession

P49039

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Comments
(Baculovirus)

Sucrose-cleaving enzyme that provides UDP-glucose and fructose for various metabolic pathways.

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