Creative Enzymes®

sucrose synthase

Cat. No. EXWM-2355

Lot. No. (See product label)

Introduction

Description	Although UDP is generally considered to be the preferred nucleoside diphosphate for sucrose synthase, numerous studies have shown that ADP serves as an effective acceptor molecule to produce ADP-glucose. Sucrose synthase has a dual role in producing both UDP-glucose (necessary for cell wall and glycoprotein biosynthesis) and ADP-glucose (necessary for starch biosynthesis).
Synonyms	UDPglucose-fructose glucosyltransferase; sucrose synthetase; sucrose-UDP glucosyltransferase; sucrose-uridine diphosphate glucosyltransferase; uridine diphosphoglucose-fructose glucosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.13
CAS No.	9030-05-1
Reaction	NDP-glucose + D-fructose = NDP + sucrose
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.