

Sucrose Synthase (OcSUS1)

Product Information

Cat#	DIA-878
Descriptions	Sucrose synthase (OcSUS1) derived from orange catalyzes the reversible conversion between sucrose and UDP-glucose, serves as an efficient biocatalyst for nucleotide sugar synthesis, and provides a cost-effective approach for UDP-sugar production in glycoengineering.
Applications	Sucrose synthase (OcSUS1) serves as a biocatalyst for UDP-sugar synthesis detection kits and nucleotide sugar preparation assay reagent development.
CAS No.	124-1-13
Enzyme Commission Number	EC 2.4.1.13
Reaction	Sucrose + UDP = fructose + UDP-glucose
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of UDP-glucose from sucrose and 1 Mumol UDP per minute at 37°C.