

Sucrose Phosphorylase (BISuP)

Product Information

Cat#	DIA-877
Descriptions	Sucrose phosphorylase (BISuP) from Bifidobacterium longum catalyzes the reversible phosphorolysis of sucrose into glucose-1-phosphate and fructose, is widely used for rare sugar synthesis and glycosylation reactions, and supports the production of functional glycosides and sweeteners.
Applications	Sucrose phosphorylase (BISuP) is used for rare sugar synthesis detection kits and functional glycoside preparation assay reagent development.
CAS No.	124-1-71
Enzyme Commission Number	EC 2.4.1.7
Reaction	Phosphate + sucrose = alpha-D-glucose 1-phosphate + D-fructose
Activity Definition	Enzyme activity is defined as the amount of enzyme required to catalyze the production of Glc-1-P and fructose from 1Mumol of sucrose per minute at 37°C.