

L-Fucokinase-GDP-Fucose Pyrophosphorylase

Product Information

Cat#	DIA-757
Descriptions	L-fucokinase-GDP-fucose pyrophosphorylase is a bifunctional enzyme that sequentially catalyzes L-fucose phosphorylation and GDP-fucose formation in one-pot reactions, simplifies the production pathway of GDP-L-fucose, and supports large-scale fucosylation reaction applications.
Applications	L-fucokinase-GDP-fucose pyrophosphorylase is widely applied in GDP-L-fucose synthesis detection kits and fucosylation reaction system reagent development.
Enzyme Commission Number	EC 2.7.1.52
Enzyme Source	E. coli rombinant L-fucokinase/GDP-fucose pyrophosphorylase.
Synonyms	FKP
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Fuc-1-P from L-Fuc and ATP per minute at 37 °C. One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Fuc-1-P from L-Fuc and ATP per minute at 37 °C. Package: 2U/10U/50U