

Hexokinase (HsHKI)

Product Information

Cat#	DIA-748
Descriptions	Hexokinase (HsHKI) of human origin catalyzes the ATP-dependent phosphorylation of glucose to glucose-6-phosphate as the first rate-limiting step of glycolysis, maintains cellular glucose homeostasis, and serves as a key enzyme for metabolic research and glucose detection systems.
Applications	Hexokinase (HsHKI) serves as a core raw material for glucose detection kits and glycolysis pathway assay reagent development.
CAS No.	127-1-17
Enzyme Commission Number	EC 2.7.1.1
Enzyme Source	E.coli recombinant hexokinase from Homo sapiens
Reaction	Glucose+ATP = Glucose-6-P+ADP
Activity Definition	One unit is defined as the amount of enzyme that consume 1Mumol ATP and glucose to form Glucose-6-P and ADP per min at 37°C.