

Glucuronokinase (AtGlcAK)

Product Information

Cat#	DIA-634
Descriptions	AtGlcAK (Glucuronokinase) derived from Arabidopsis thaliana specifically phosphorylates glucuronic acid to form glucuronic acid 1-phosphate, participates in plant cell wall polysaccharide biosynthesis, and acts as an essential biocatalyst for nucleotide sugar synthesis and glycoengineering research.
Applications	AtGlcAK (Glucuronokinase) is suitable for nucleotide sugar metabolism detection kit development and glycoengineering related assay reagent preparation.
CAS No.	121-7-43
Enzyme Commission Number	EC 2.1.7.43
Enzyme Source	E.coli recombinant Glucuronokinase from Arabidopsis thaliana.
Reaction	ATP + GlcA = GlcA-1-P + ADP
Activity Definition	One unit is defined as the amount of enzyme that consume 1Mumol ATP and GlcA to form GlcA-1-P and ADP per min at 37°C.