

Galcuronokinase (AtGalAK)

Product Information

Cat#	DIA-717
Descriptions	Galcuronokinase (AtGalAK) from Arabidopsis thaliana specifically phosphorylates galacturonic acid to form galacturonic acid 1-phosphate, participates in pectin biosynthesis and cell wall remodeling, and supports plant glycometabolism and biomass engineering research.
Applications	Galcuronokinase (AtGalAK) serves as a tool for pectin biosynthesis detection kits and plant cell wall metabolism assay reagent development.
CAS No.	127-1-44
Enzyme Commission Number	EC 2.7.1.44
Enzyme Source	E.coli recombinant Galcuronokinase from Arabidopsis thaliana
Reaction	ATP + GalA = GalA-1-P + ADP
Activity Definition	One unit is defined as the amount of enzyme that consume 1Mumol ATP and GalA to form GalA-1-P and ADP per min at 37°C.