

## Glucuronokinase (AtGlcAK)

Cat. No.:	HY-E70035
CAS No.:	9026-62-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Glucuronokinase

### BIOLOGICAL ACTIVITY

#### Description

Glucuronokinase (AtGlcAK) is a member of the GHMP-kinase. Glucuronokinase (AtGlcAK) shows unique substrate specificity for D-glucuronic acid with a  $K_m$  value of 0.7 mM. Glucuronokinase (AtGlcAK) catalyzes D-glucuronic acid and ATP to produce D-glucuronic acid-1-phosphate and ADP<sup>[1]</sup>.

### REFERENCES

[1]. Pieslinger AM, Hoepflinger MC, Tenhaken R. Cloning of Glucuronokinase from Arabidopsis thaliana, the last missing enzyme of the myo-inositol oxygenase pathway to nucleotide sugars. J Biol Chem. 2010 Jan 29;285(5):2902-10.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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