

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^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA