Creative Enzymes®

glycerate 3-kinase

Cat. No. EXWM-3062

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. This enzyme participates in 3 metabolic pathways: serine/glycine/threonine metabolism, glycerolipid metabolism, and glyoxylate-dicarboxylate metabolism.
Synonyms	glycerate kinase (phosphorylating) (ambiguous); D-glycerate 3-kinase; D-glycerate kinase (ambiguous); glycerate-kinase (ambiguous); GK (ambiguous); D-glyceric acid kinase (ambiguous); ATP:(R)-glycerate 3-phosphotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.31
CAS No.	9026-61-3
Reaction	ATP + D-glycerate = ADP + 3-phospho-D-glycerate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.