

## 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**  $\text{ATP} + \text{D-glycerate} = \text{ADP} + 3\text{-phospho-D-glycerate}$

**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 °C for short term. For long term storage, store it at -20 °C~-80 °C.