Creative Enzymes®

# mannokinase

*Cat. No. EXWM-3100*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:D-mannose 6-phosphotransferase. Other names in common use include mannokinase (phosphorylating), and D-fructose (D-mannose) kinase. This enzyme participates in fructose and mannose metabolism. |
| ***Synonyms*** | mannokinase (phosphorylating); D-fructose (D-mannose) kinase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.7.1.7 |
| ***CAS No.*** | 9030-54-0 |
| ***Reaction*** | ATP + D-mannose = ADP + D-mannose 6-phosphate |
| ***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

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