Creative Enzymes®

# AMP phosphorylase

*Cat. No. EXWM-2687*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The enzyme from archaea is involved in AMP metabolism and CO2 fixation through type III RubisCO enzymes. The activity with CMP and UMP requires activation by cAMP. |
| ***Synonyms*** | AMPpase; nucleoside monophosphate phosphorylase; deoA (gene name) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.4.2.57 |
| ***Reaction*** | (1) AMP + phosphate = adenine + α-D-ribose 1,5-bisphosphate; (2) CMP + phosphate = cytosine + α-D-ribose 1,5-bisphosphate; (3) UMP + phosphate = uracil + α-D-ribose 1,5-bisphosphate |
| ***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 ℃. |