

## AMP phosphorylase

Cat. No. EXWM-2687

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from archaea is involved in AMP metabolism and CO<sub>2</sub> 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

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.2.57

#### Reaction

(1) AMP + phosphate = adenine +  $\alpha$ -D-ribose 1,5-bisphosphate; (2) CMP + phosphate = cytosine +  $\alpha$ -D-ribose 1,5-bisphosphate; (3) UMP + phosphate = uracil +  $\alpha$ -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

#### Storage

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