

## mevalonate 3-kinase

Cat. No. EXWM-3017

Lot. No. (See product label)

### Introduction

#### Description

Mevalonate 3-kinase and mevalonate-3-phosphate-5-kinase (EC 2.7.1.186) act sequentially in an alternate mevalonate pathway in the archaeon *Thermoplasma acidophilum*. Mevalonate 3-kinase is different from mevalonate kinase, EC 2.7.1.36, which transfers phosphate to position 5 of (R)-mevalonate and is part of the classical mevalonate pathway in eukaryotes and archaea.

#### Synonyms

ATP:(R)-MVA 3-phosphotransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.1.185

#### Reaction

ATP + (R)-mevalonate = ADP + (R)-3-phosphomevalonate

#### 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.