Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.