Creative Enzymes®

2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate phosphatase

Cat. No. EXWM-3693

Lot. No. (See product label)

Introduction

Description	The enzyme participates in the methionine salvage pathway in Bacillus subtilis.In some species a single bifunctional enzyme, EC 3.1.3.77, acireductone synthase, catalyses both this reaction and EC 5.3.2.5, 2,3-diketo-5-methylthiopentyl-1-phosphate enolase.
Synonyms	HK-MTPenyl-1-P phosphatase; MtnX; YkrX

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.3.87
Reaction	2-hydroxy-5-(methylthio)-3-oxopent-1-enyl phosphate + H2O = 1,2-dihydroxy-5-(methylthio)pent-1-en-3-one + 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

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