Creative Enzymes®

2,3-diketo-5-methylthiopentyl-1-phosphate enolase

Cat. No. EXWM-5485

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 3.1.3.87, 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate phosphatase.
Synonyms	DK-MTP-1-P enolase; MtnW; YkrW; RuBisCO-like protein; RLP

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.3.2.5
Reaction	5-(methylthio)-2,3-dioxopentyl phosphate = 2-hydroxy-5-(methylthio)-3-oxopent-1-enyl 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 ℃.