Creative Enzymes®

isopentenyl-diphosphate Δ-isomerase

Cat. No. EXWM-5498

Lot. No. (See product label)

Introduction

Description	The enzyme from Streptomyces sp. strain CL190 requires FMN and NAD(P)H as cofactors. Activity is reduced if FMN is replaced by FAD, but the enzyme becomes inactive when NAD(P)H is replaced by NAD+ or NADP+. That enzyme also requires Mg2+, Mn2+ or Ca2+ for activity.
Synonyms	isopentenylpyrophosphate Δ-isomerase; methylbutenylpyrophosphate isomerase; isopentenylpyrophosphate isomerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.3.3.2
CAS No.	9033-27-6
Reaction	isopentenyl diphosphate = dimethylallyl diphosphate
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 ℃.