

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