

## isopentenyl-diphosphate $\Delta$ -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<sup>+</sup> or NADP<sup>+</sup>. That enzyme also requires Mg<sup>2+</sup>, Mn<sup>2+</sup> or Ca<sup>2+</sup> for activity.

**Synonyms** isopentenylpyrophosphate  $\Delta$ -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.