

## 4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol kinase

Cat. No. EXWM-2978

Lot. No. (See product label)

### Introduction

**Description** The enzyme from Escherichia coli requires Mg<sup>2+</sup> or Mn<sup>2+</sup>. Forms part of an alternative nonmevalonate pathway for terpenoid biosynthesis (for diagram, [click here](#)).

**Synonyms** CDP-ME kinase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.1.148

**CAS No.** 263016-77-9

**Reaction** ATP + 4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol = ADP + 2-phospho-4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol

**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.