

2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase

Cat. No. EXWM-3272

Lot. No. (See product label)

Introduction

Description The enzyme from Escherichia coli requires Mg^{2+} or Mn^{2+} . ATP or UTP can replace CTP, but both are less effective. GTP and TTP are not substrates. Forms part of an alternative nonmevalonate pathway for terpenoid biosynthesis (for diagram, [click here](#)).

Synonyms MEP cytidylyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.7.60

CAS No. 251990-59-7

Reaction CTP + 2-C-methyl-D-erythritol 4-phosphate = diphosphate + 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.