Creative Enzymes®

phosphatidate cytidylyltransferase

Cat. No. EXWM-3253

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). This enzyme participates in glycerophospholipid metabolism and phosphatidylinositol signaling system.
Synonyms	CDP diglyceride pyrophosphorylase; CDP-diacylglycerol synthase; CDP-diacylglyceride synthetase; cytidine diphosphoglyceride pyrophosphorylase; phosphatidate cytidyltransferase; phosphatidic acid cytidylyltransferase; CTP:1,2-diacylglycerophosphate-cytidyl transferase; CTP-diacylglycerol synthetase; DAG synthetase; CDP-DG

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.41
CAS No.	9067-83-8
Reaction	CTP + phosphatidate = diphosphate + CDP-diacylglycerol
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 ℃.