

phosphatidate cytidyltransferase

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