

CDP-diacylglycerol-glycerol-3-phosphate 1-phosphatidyltransferase

Cat. No. EXWM-3343

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses the committed step in the biosynthesis of acidic phospholipids known by the common names phosphatidylglycerols and cardiolipins.

Synonyms

glycerophosphate phosphatidyltransferase; 3-phosphatidyl-1'-glycerol-3'-phosphate synthase; CDPdiacylglycerol:glycerol-3-phosphate phosphatidyltransferase; cytidine 5'-diphospho-1,2-diacyl-sn-glycerol (CDP-diglyceride):sn-glycerol-3-phosphate phosphatidyltransferase; phosphatidylglycerophosphate synthase; phosphatidylglycerolphosphate synthase; PGP synthase; CDP-diacylglycerol-sn-glycerol-3-phosphate 3-phosphatidyltransferase; CDP-diacylglycerol:sn-glycero-3-phosphate phosphatidyltransferase; glycerol phosphate phosphatidyltransferase; glycerol 3-phosphate phosphatidyltransferase; phosphatidylglycerol phosphate synthase; phosphatidylglycerol phosphate synthetase; phosphatidylglycerophosphate synthetase; sn-glycerol-3-phosphate phosphatidyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.8.5

CAS No.

9068-49-9

Reaction

CDP-diacylglycerol + sn-glycerol 3-phosphate = CMP + 1-(3-sn-phosphatidyl)-sn-glycerol 3-phosphate

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.