Creative Enzymes®

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 phophatidylglycerols 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.