Creative Enzymes®

CDP-diacylglycerol-serine O-phosphatidyltransferase

Cat. No. EXWM-3346

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring non-standard substituted phosphate groups. This enzyme participates in glycine, serine and threonine metabolism and glycerophospholipid metabolism.
Synonyms	phosphatidylserine synthase; CDPdiglyceride-serine O-phosphatidyltransferase; PS synthase; cytidine 5'-diphospho-1,2-diacyl-sn-glycerol (CDPdiglyceride):L-serine O-phosphatidyltransferase; phosphatidylserine synthetase; CDP-diacylglycerol-L-serine O-phosphatidyltransferase; cytidine diphosphoglyceride-serine O-phosphatidyltransferase; CDP-diglyceride-L-serine phosphatidyltransferase; CDP-diglyceride:serine phosphatidyltransferase; cytidine 5'-diphospho-1,2-diacyl-sn-glycerol:L-serine O-phosphatidyltransferase; CDP-diacylglycerol:L-serine 3-O-phosphatidyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.8.8
CAS No.	9068-48-8
Reaction	CDP-diacylglycerol + L-serine = CMP + (3-sn-phosphatidyl)-L-serine
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 ℃.