

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