

## plasmanylethanolamine desaturase

Cat. No. EXWM-1036

Lot. No. (See product label)

### Introduction

**Description** Requires NADPH or NADH. May involve cytochrome b5. Requires Mg<sup>2+</sup> and ATP.

**Synonyms** alkylacylglycerophosphoethanolamine desaturase; alkylacylglycerophosphorylethanolamine dehydrogenase; dehydrogenase, alkyl-acylglycerophosphorylethanolamine; 1-O-alkyl-2-acyl-sn-glycero-3-phosphorylethanolamine desaturase; 1-O-alkyl 2-acyl-sn-glycero-3-phosphorylethanolamine desaturase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.99.19

**CAS No.** 39391-13-4

**Reaction** O-1-alkyl-2-acyl-sn-glycero-3-phosphoethanolamine + AH<sub>2</sub> + O<sub>2</sub> = O-1-alk-1-enyl-2-acyl-sn-glycero-3-phosphoethanolamine + A + 2 H<sub>2</sub>O

**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.