

## N-acetylphosphatidylethanolamine-hydrolysing phospholipase D

Cat. No. EXWM-3737

Lot. No. (See product label)

### Introduction

**Description** This enzyme is involved in the biosynthesis of anandamide. It does not hydrolyse phosphatidylcholine and phosphatidylethanolamine. No transphosphatidation. The enzyme contains Zn<sup>2+</sup> and is activated by Mg<sup>2+</sup> or Ca<sup>2+</sup>.

**Synonyms** NAPE-PLD; anandamide-generating phospholipase D; N-acyl phosphatidylethanolamine phospholipase D; NAPE-hydrolyzing phospholipase D

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.1.4.54

**Reaction** N-acylphosphatidylethanolamine + H<sub>2</sub>O = N-acylethanolamine + a 1,2-diacylglycerol 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.