Creative Enzymes®

Recombinant Human N-acyl phosphatidylethanolamine 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 Zn2+ and is activated by Mg2+ or Ca2+.

Product Information

Species	Human
Source	HEK293T
Form	Liquid
EC Number	EC 3.1.4.54
Molecular Weight	45.4 kDa
Purity	Greater than 80% as determined by SDS-PAGE.
Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Reaction	N-acylphosphatidylethanolamine + H2O = 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 at -80°C