

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