Creative Enzymes®

phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase

Cat. No. EXWM-3671

Lot. No. (See product label)

Introduction

Description	Requires Mg2+. Does not dephosphorylate inositol 4,5-bisphosphate. This enzyme still works when the 2,3-bis(acyloxy)propyl group is removed, i.e., it hydrolyses Ins(1,3,4,5)P4 to Ins(1,4,5)P3
Synonyms	PTEN; MMAC1; phosphatidylinositol-3,4,5-trisphosphate 3-phosphohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.3.67
CAS No.	210488-47-4
Reaction	1-phosphatidyl-1D-myo-inositol 3,4,5-trisphosphate + H2O = 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.