

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

Cat. No. EXWM-3671

Lot. No. (See product label)

### Introduction

#### Description

Requires Mg<sup>2+</sup>. 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)P<sub>4</sub> to Ins(1,4,5)P<sub>3</sub>

#### 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 + H<sub>2</sub>O = 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.