

phosphatidylinositol-3,4-bisphosphate 4-phosphatase

Cat. No. EXWM-3670

Lot. No. (See product label)

Introduction

Description

Mg²⁺-independent. This enzyme still works when the 2,3-bis(acyloxy)propyl group is removed, i.e., it hydrolyses Ins(1,3,4)P₃ to Ins(1,3)P₂. It also converts Ins(3,4)P₂ into Ins-3-P.

Synonyms

inositol-3,4-bisphosphate 4-phosphatase; D-myo-inositol-3,4-bisphosphate 4-phosphohydrolase; phosphoinositide 4-phosphatase; inositol polyphosphate 4-phosphatase; inositol polyphosphate 4-phosphatase type II

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.66

CAS No.

123644-80-4

Reaction

1-phosphatidyl-myo-inositol 3,4-bisphosphate + H₂O = 1-phosphatidyl-1D-myo-inositol 3-phosphate + 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.