

## 1-phosphatidylinositol-5-phosphate 4-kinase

Cat. No. EXWM-2979

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. This enzyme participates in 3 metabolic pathways: inositol phosphate metabolism, phosphatidylinositol signaling system, and regulation of actin cytoskeleton.

#### Synonyms

type II PIP kinase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.1.149

#### CAS No.

247907-17-1

#### Reaction

ATP + 1-phosphatidyl-1D-myo-inositol 5-phosphate = ADP + 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate

#### 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.