Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.