Creative Enzymes®

phosphoramidate-hexose phosphotransferase

Cat. No. EXWM-3093

Lot. No. (See product label)

Introduction

Description	Activity is observed with several hexoses; of these glucose is the best substrate and the product from it is α-D-glucose 1-phosphate. The phosphoramidate donor can be replaced by N-phosphoglycine and by an N-phosphohistidine. May be identical with EC 3.1.3.9 glucose-6-phosphatase.
Synonyms	phosphoramidate-hexose transphosphorylase; phosphoramidic-hexose transphosphorylase; phosphoramidate:hexose 1-phosphotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.62
CAS No.	9031-45-2
Reaction	phosphoramidate + D-hexose = NH3 + α-D-hexose 1-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 ℃.