Creative Enzymes®

diphosphate-fructose-6-phosphate 1-phosphotransferase

Cat. No. EXWM-3120

Lot. No. (See product label)

Introduction

Description	The enzyme catalyses a similar reaction to EC 2.7.1.11, 6-phosphofructokinase, but utilizes diphosphate instead of ATP as the the phosphate donor. It has been described in higher plants, primitive eukaryotes, bacteria, and archaea.
Synonyms	6-phosphofructokinase (pyrophosphate); pyrophosphate-fructose 6-phosphate 1-phosphotransferase; inorganic pyrophosphate-dependent phosphofructokinase; inorganic pyrophosphate-phosphofructokinase; pyrophosphate-dependent phosphofructo-1-kinase; pyrophosphate-fructose 6-phosphate phosphotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.1.90
CAS No.	55326-40-4
Reaction	diphosphate + D-fructose 6-phosphate = phosphate + D-fructose 1,6-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 ℃.