Creative Enzymes®

phosphoribosyl 1,2-cyclic phosphate 1,2-diphosphodiesterase

Cat. No. EXWM-3740

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Eggerthella lenta, is involed in degradation of methylphosphonate.
Synonyms	cyclic phosphate dihydrolase; phnPP (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.4.57
Reaction	(1) 5-phospho-α-D-ribose 1,2-cyclic phosphate + H2O = D-ribofuranose 2,5-bisphosphate; (2) D-ribofuranose 2,5-bisphosphate + H2O = D-ribofuranose 5-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.