

## 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 involved 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- $\alpha$ -D-ribose 1,2-cyclic phosphate + H<sub>2</sub>O = D-ribofuranose 2,5-bisphosphate; (2) D-ribofuranose 2,5-bisphosphate + H<sub>2</sub>O = 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.