

## nicotinate D-ribonucleotide:phenol phospho-D-ribosyltransferase

Cat. No. EXWM-2685

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in the biosynthesis of phenolic cobamides in the Gram-positive bacterium *Sporomusa ovata*. It can also transfer the phospho-D-ribosyl group to 4-methylphenol and 5,6-dimethylbenzimidazole. The related EC 2.4.2.21, nicotinate-nucleotide dimethylbenzimidazole phosphoribosyltransferase, also transfers the phospho-D-ribosyl group from nicotinate D-ribonucleotide to 5,6-dimethylbenzimidazole, but shows no activity with 4-methylphenol or phenol.

#### Synonyms

ArsAB

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.2.55

#### Reaction

nicotinate D-ribonucleotide + phenol = nicotinate + phenyl 5-phospho- $\alpha$ -D-ribofuranoside

#### 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.