

## xanthine phosphoribosyltransferase

Cat. No. EXWM-2650

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of glycosyltransferases, specifically the pentosyltransferases. This enzyme participates in purine metabolism.

#### Synonyms

Xan phosphoribosyltransferase; xanthosine 5'-phosphate pyrophosphorylase; xanthylate pyrophosphorylase; xanthylic pyrophosphorylase; XMP pyrophosphorylase; 5-phospho- $\alpha$ -D-ribose-1-diphosphate:xanthine phospho-D-ribosyltransferase; 9-(5-phospho- $\beta$ -D-ribosyl)xanthine:diphosphate 5-phospho- $\alpha$ -D-ribosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.2.22

#### CAS No.

9023-10-3

#### Reaction

XMP + diphosphate = 5-phospho- $\alpha$ -D-ribose 1-diphosphate + xanthine

#### 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.