

## 5-amino-6-(5-phosphoribosylamino)uracil reductase

Cat. No. EXWM-0096

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is 5-amino-6-(5-phosphoribitylamino)uracil:NADP<sup>+</sup> 1'-oxidoreductase. This enzyme is also called aminodioxyposphoribosylaminopyrimidine reductase. This enzyme participates in riboflavin metabolism.

#### Synonyms

aminodioxyposphoribosylaminopyrimidine reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.193

#### CAS No.

69020-28-6

#### Reaction

5-amino-6-(5-phospho-D-ribitylamino)uracil + NADP<sup>+</sup> = 5-amino-6-(5-phospho-D-ribosylamino)uracil + NADPH + H<sup>+</sup>

#### 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.