Creative Enzymes®

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+ or NADP+ as acceptor. The systematic name of this enzyme class is 5-amino-6-(5-phosphoribitylamino)uracil:NADP+ 1'-oxidoreductase. This enzyme is also called aminodioxyphosphoribosylaminopyrimidine reductase. This enzyme participates in riboflavin metabolism.
Synonyms	aminodioxyphosphoribosylaminopyrimidine 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+ = 5-amino-6-(5-phospho-D-ribosylamino)uracil + NADPH + H+
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 ℃.