

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 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⁺ = 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.