

ribitol-5-phosphate 2-dehydrogenase

Cat. No. EXWM-0041

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 D-ribitol-5-phosphate:NAD(P)⁺ 2-oxidoreductase. This enzyme is also called dehydrogenase, ribitol 5-phosphate. This enzyme participates in pentose and glucuronate interconversions.

Synonyms

dehydrogenase, ribitol 5-phosphate

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.137

CAS No.

37250-67-2

Reaction

D-ribitol 5-phosphate + NAD(P)⁺ = D-ribulose 5-phosphate + NAD(P)H + 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.