

L-rhamnose 1-dehydrogenase [NAD(P)+]

Cat. No. EXWM-0296

Lot. No. (See product label)

Introduction

Description

The enzyme, which occurs in the bacteria *Azotobacter vinelandii* and *Sphingomonas* sp. SKA58, is part of the non-phosphorylative degradation pathway for L-rhamnose. The enzyme differs in cofactor specificity from EC 1.1.1.173, L-rhamnose 1-dehydrogenase, which is specific for NAD⁺ and EC 1.1.1.377, L-rhamnose 1-dehydrogenase (NADP⁺).

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.378

Reaction

L-rhamnose + NAD(P)⁺ = L-rhamnono-1,4-lactone + 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.