

D-xylose reductase

Cat. No. EXWM-0218

Lot. No. (See product label)

Introduction

Description

Xylose reductase catalyses the initial reaction in the xylose utilization pathway, the NAD(P)H dependent reduction of xylose to xylitol.

Synonyms

XylR; XyrA; msXR; dsXR; monospecific xylose reductase; dual specific xylose reductase; NAD(P)H-dependent xylose reductase; xylose reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.307

Reaction

xylitol + NAD(P)⁺ = D-xylose + 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.