Creative Enzymes®

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

Cat. No. EXWM-0294

Lot. No. (See product label)

Introduction

Description	The enzymes from the bacterium Azospirillum brasilense and the archaeon Haloferax volcanii are part of the L-arabinose degradation pathway and prefer NADP+ over NAD+. In vitro the enzyme from Azospirillum brasilense shows also high catalytic efficiency with D-galactose.
Synonyms	L-arabino-aldose dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.376
Reaction	L-arabinose + NAD(P)+ = L-arabinono-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.