Creative Enzymes®

D-arabinose 1-dehydrogenase (NAD+)

Cat. No. EXWM-0019

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-arabinose:NAD+ 1-oxidoreductase. Other names in common use include NAD+-pentose-dehydrogenase, and arabinose(fucose)dehydrogenase.
Synonyms	NAD+-pentose-dehydrogenase; arabinose(fucose)dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.116
CAS No.	37250-47-8
Reaction	D-arabinose + NAD+ = D-arabinono-1,4-lactone + NADH + 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 ℃.