Creative Enzymes®

NAD(P)H-hydrate epimerase

Cat. No. EXWM-5438

Lot. No. (See product label)

Introduction

Description	The enzyme can use either (R)-NADH-hydrate or (R)-NADPH-hydrate as a substrate. Its physiological role is to convert the (R) forms to the (S) forms, which could then be restored to active dinucleotides by EC 4.2.1.93, ATP-dependent NAD(P)H-hydrate dehydratase.
Synonyms	NAD(P)HX epimerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.1.99.6
Reaction	(1) (6R)-6β-hydroxy-1,4,5,6-tetrahydronicotinamide-adenine dinucleotide = (6S)-6β-hydroxy-1,4,5,6-tetrahydronicotinamide-adenine dinucleotide; (2) (6R)-6β-hydroxy-1,4,5,6-tetrahydronicotinamide-adenine dinucleotide phosphate = (6S)-6β-hydroxy-1,4,5,6-tetrahydronicotinamide-adenine dinucleotide phosphate
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 ℃.